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1979 Minnesota Health Statistics

Minnesota Department of Health

MINNESOTA

HEALTH STATISTICS

1979

Population

Births and Deaths

Marriages and Divorces

Published May, 1982

Minnesota Department of Health
Center for Health Statistics
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FOREWORD

Minnesota Health Statistics 1979 was prepared by the Minnesota Center for Health Statistics of the Minnesota Department of Health and is the 29th annual summary of vital statistics published by the Department. The document also responds, in part, to the requirements of a contract held with the United States Department of Health, Education, and Welfare to establish and implement a cooperative health statistics program for Minnesota.

The basic data for Minnesota Health Statistics 1979 were obtained from Birth, Death, Fetal Death, Marriage, and Divorce certificates and/or reports filed with the Section of Vital Statistics Registration within the Department during calendar year 1979. The population estimates were prepared by the Minnesota Center for Health Statistics using the State Demographer's total county and 65+ estimates as a basis for estimation, and are unofficial since Minnesota Statute 4.12 (1974) designates the Office of the State Demographer as the official agency for conducting population estimation.

Please note that some of the tables depicting cause of death were modified slightly in 1979 to accommodate changes resulting from the adoption of a revised cause of death coding scheme -- The Ninth Revision of the International Classification of Diseases (ICD). The vast majority of cause of death categories will remain comparable with previous years' tables. However, changes in definitions of rheumatic heart disease, nephritis and nephrosis, and hypertensive heart between the Eighth Revision of the ICD and the Ninth Revision has caused noticeable differences in the numbers of deaths attributed to those categories between 1978 and 1979.

It is hoped this publication will aid you in the performance of your work. Suggestions concerning the report format, queries concerning the data, formulae used in developing the summary, and requests for additional statistics should be made to:

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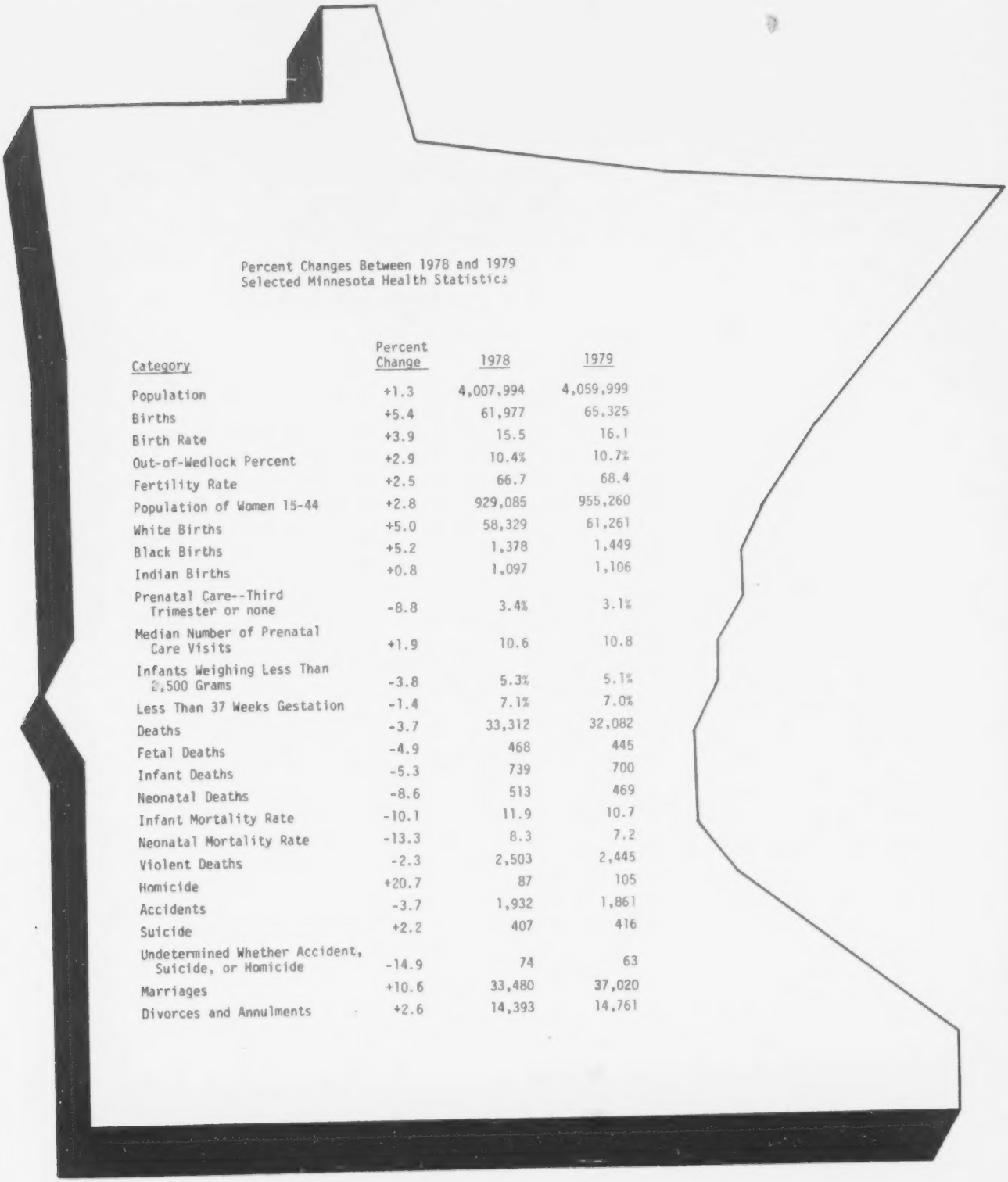

Percent Changes Between 1978 and 1979
Selected Minnesota Health Statistics

Category	Percent Change	1978	1979
Population	+1.3	4,007,994	4,059,999
Births	+5.4	61,977	65,325
Birth Rate	+3.9	15.5	16.1
Out-of-Wedlock Percent	+2.9	10.4%	10.7%
Fertility Rate	+2.5	66.7	68.4
Population of Women 15-44	+2.8	929,085	955,260
White Births	+5.0	58,329	61,261
Black Births	+5.2	1,378	1,449
Indian Births	+0.8	1,097	1,106
Prenatal Care--Third Trimester or none	-8.8	3.4%	3.1%
Median Number of Prenatal Care Visits	+1.9	10.6	10.8
Infants Weighing Less Than 2,500 Grams	-3.8	5.3%	5.1%
Less Than 37 Weeks Gestation	-1.4	7.1%	7.0%
Deaths	-3.7	33,312	32,082
Fetal Deaths	-4.9	468	445
Infant Deaths	-5.3	739	700
Neonatal Deaths	-8.6	513	469
Infant Mortality Rate	-10.1	11.9	10.7
Neonatal Mortality Rate	-13.3	8.3	7.2
Violent Deaths	-2.3	2,503	2,445
Homicide	+20.7	87	105
Accidents	-3.7	1,932	1,861
Suicide	+2.2	407	416
Undetermined Whether Accident, Suicide, or Homicide	-14.9	74	63
Marriages	+10.6	33,480	37,020
Divorces and Annulments	+2.6	14,393	14,761

LIVE BIRTHS BY COUNTY OF OCCURRENCE DISTRIBUTED ACCORDING TO RESIDENCE, RESIDENT LIVE BIRTHS DISTRIBUTED ACCORDING TO PLACE OF BIRTH, MINNESOTA, 1979

County	Births Occurring in County				Resident Births		
	Total	County Residents	Other Minnesota Residents	Out of State Residents	Outside County Within Minnesota	Outside County Outside Minnesota	Total
State Total	65,764	44,969	18,553	2,242	18,553	1,803	65,325
Aitkin	120	105	15	-	81	-	186
Anoka	3,401	2,025	1,371	5	1,425	5	3,455
Becker	450	343	105	2	85	62	490
Beltrami	654	486	167	1	51	3	540
Benton	1	1	-	-	544	-	545
Big Stone	178	106	25	47	12	2	120
Blue Earth	1,410	798	606	6	73	7	878
Brown	716	454	259	3	28	-	482
Carlton	378	262	116	-	197	1	460
Carver	820	329	491	-	323	-	652
Cass	62	41	20	1	294	2	337
Chippewa	222	142	79	1	120	2	264
Chisago	353	202	143	8	178	65	445
Clay	386	269	40	77	15	461	745
Clearwater	111	79	32	-	63	3	145
Cook	50	47	3	-	11	-	58
Cottonwood	212	154	56	2	56	1	211
Crow Wing	719	557	159	3	76	3	636
Dakota	908	667	185	56	2,657	10	3,334
Dodge	1	1	-	-	284	-	285
Douglas	528	428	100	-	45	1	474
Faribault	276	203	20	53	100	2	305
Fillmore	165	110	49	6	154	72	336
Freeborn	663	497	97	69	64	5	566
Goodhue	701	420	94	187	179	-	599
Grant	53	44	9	-	67	1	112
Hennepin	17,281	12,033	5,157	91	1,295	27	13,355
Minneapolis	9,772	4,078	5,631	63	1,532	15	5,625
Houston	85	69	6	10	11	236	316
Hubbard	262	148	114	-	67	7	222
Isanti	405	242	163	-	142	1	385
Itasca	734	646	86	2	133	3	782
Jackson	73	64	9	-	101	17	182
Kanabec	261	137	123	1	74	2	213
Kandiyohi	809	544	262	3	69	1	614
Kittson	105	67	31	7	19	17	103
Koochiching	244	235	8	1	35	21	291
Lac Qui Parle	135	113	13	9	51	5	169
Lake	148	135	13	-	69	-	204
Lake of the Woods	61	43	16	2	13	2	58
Le Sueur	83	64	19	-	345	-	409
Lincoln	151	85	28	38	38	4	127
Lyon	466	348	118	-	43	9	400
Mc Leod	543	402	141	-	101	-	503
Mahnomen	47	34	13	-	55	2	91

LIVE BIRTHS BY COUNTY OF OCCURRENCE DISTRIBUTED ACCORDING TO RESIDENCE, RESIDENT LIVE BIRTHS DISTRIBUTED ACCORDING TO PLACE OF BIRTH, MINNESOTA, 1979-CONT.

County	Births Occurring in County				Resident Births		
	Total	County Residents	Other Minnesota Residents	Out of State Residents	Outside County Within Minnesota	Outside Minnesota	Total
Marshall	50	47	3	-	135	47	229
Martin	444	347	23	74	43	10	400
Meeker	297	222	75	-	131	-	353
Mille Lacs	438	254	184	-	86	-	340
Morrison	622	493	127	2	60	-	553
Mower	520	464	50	6	145	20	629
Murray	116	91	24	1	89	5	185
Nicollet	149	76	73	-	387	2	465
Nobles	456	279	147	30	55	33	367
Norman	80	71	7	2	33	55	159
Olmsted	2,379	1,563	771	45	24	3	1,590
Otter Tail	611	519	83	9	193	33	745
Pennington	504	268	235	1	14	6	288
Pine	24	21	2	1	316	11	348
Pipestone	147	113	26	8	27	27	167
Polk	389	304	81	4	55	219	578
Pope	155	134	21	-	60	-	194
Ramsey	8,557	5,495	2,871	191	1,652	18	7,165
St. Paul	8,551	3,615	4,745	191	712	11	4,338
Red Lake	12	8	4	-	91	2	101
Redwood	231	190	41	-	148	2	340
Renville	188	167	20	1	137	1	305
Rice	716	587	128	1	144	1	732
Rock	274	160	54	60	5	23	188
Roseau	214	181	19	14	36	4	221
St. Louis	4,264	3,310	456	498	71	10	3,391
Duluth	2,640	1,542	603	495	14	5	1,561
Scott	948	486	460	2	268	3	757
Sherburne	3	3	-	-	597	-	600
Sibley	126	122	3	1	127	-	249
Stearns	2,848	1,797	1,048	3	122	2	1,921
Steele	573	467	106	-	84	3	554
Stevens	191	153	38	-	24	6	183
Swift	112	101	11	-	104	-	205
Todd	227	183	43	1	236	1	420
Traverse	84	40	20	24	27	9	76
Wabasha	318	191	39	88	154	1	346
Wadena	470	208	261	1	43	2	253
Waseca	211	186	25	-	168	1	355
Washington	609	339	169	101	1,492	28	1,859
Watonwan	181	155	26	-	70	1	226
Wilkin	429	105	21	303	22	17	144
Winona	588	461	61	66	101	133	695
Wright	341	287	54	-	873	-	1,160
Yellow Medicine	237	142	82	13	61	2	205

SELECTED RESIDENT NATALITY STATISTICS BY COUNTY AND CITIES OVER 100,000*
MINNESOTA, 1979

	State	Aitkin	Anoka	Becker	Beltrami	Benton	Big Stone	Blue Earth	Brown
Live Births	65,325**	186	3,455	490	540	545	120	878	482
Fertility Rate	68.4	76.6	57.3	82.5	71.4	110.8	90.4	58.0	74.1
Birth Rate	16.1	13.7	16.6	17.0	17.6	23.6	16.0	17.2	16.1
Sex: Male	33,618	101	1,752	252	291	276	60	466	246
Female	31,706	85	1,703	238	249	269	60	412	236
Out-of-Wedlock, Percent	10.7	14.0	9.8	13.9	22.0	7.2	6.7	9.1	8.1
Race: White	61,261	173	2,902	428	412	539	116	863	466
Black	1,449	-	11	-	-	-	-	6	-
Indian	1,106	13	18	58	122	-	1	4	-
Live Birth Order									
Median	2.3	2.2	2.2	2.4	2.3	2.4	2.3	2.2	2.4
% 5th or over	3.5	4.8	1.9	5.9	3.0	6.6	6.7	3.5	5.6
Prematurity, Percent									
Less than 37 weeks	7.0	5.4	6.0	9.4	9.6	3.5	8.3	5.7	7.1
2,500 grams or less	5.1	4.3	5.1	7.3	5.0	2.9	4.2	3.4	4.6
Plurality:									
Single	64,032	180	3,364	482	535	540	116	868	478
Twin	1,283	6	91	8	5	5	4	10	4
Triplet	10	-	-	-	-	-	-	-	-
Mother's Age, Percent									
Under 18	3.2	3.2	3.4	3.9	6.3	2.0	5.0	2.6	2.9
18-19	7.4	11.3	7.2	11.6	12.0	6.8	8.3	8.4	6.2
40 and over	.7	-	.3	.8	.6	1.1	-	.8	.6
Mother's Education, Percent									
Less than 12 years	10.9	11.8	9.9	16.7	21.3	7.7	12.5	9.1	10.4
Over 3 years college	15.9	8.1	10.5	9.0	13.3	14.7	11.7	16.9	11.2
Prenatal Care Began, Percent									
3rd Trimester or none	3.1	5.9	2.0	4.7	7.0	.6	5.0	1.9	2.5
Prenatal Care Visits									
Median	10.8	9.5	10.8	10.8	9.9	10.5	10.6	11.2	10.4
Congenital Anomalies, Percent	1.1	-	.8	1.6	1.3	1.5	-	.7	1.9
High Risk, Percent	15.9	14.0	12.1	19.8	17.2	12.3	19.2	10.8	13.7
Birth Injuries, Percent	1.2	.5	.6	1.0	1.5	.7	2.5	.9	.6
Infant Deaths									
Total	700	3	39	9	4	3	2	8	4
White	643	3	39	9	1	3	2	8	4
Black	34	-	-	-	-	-	-	-	-
Indian	17	-	-	-	3	-	-	-	-
Neonatal Deaths									
Total	469	3	26	6	1	3	1	4	3
White	439	3	26	6	1	3	1	4	3
Black	21	-	-	-	-	-	-	-	-
Indian	5	-	-	-	-	-	-	-	-
First Day Deaths									
Total	252	2	12	3	1	-	1	1	2
White	234	2	12	3	1	-	1	1	2
Black	16	-	-	-	-	-	-	-	-
Indian	1	-	-	-	-	-	-	-	-
1-6 Day Deaths									
Total	135	1	9	2	-	2	-	2	1
White	131	1	9	2	-	2	-	2	1
Black	2	-	-	-	-	-	-	-	-
Indian	1	-	-	-	-	-	-	-	-
7-27 Day Deaths									
Total	82	-	5	1	-	1	-	1	-
White	74	-	5	1	-	1	-	1	-
Black	3	-	-	-	-	-	-	-	-
Indian	3	-	-	-	-	-	-	-	-
Fetal Deaths									
Total	445	1	28	5	6	2	-	7	5
White	405	1	27	5	4	2	-	7	5
Black	12	-	-	-	-	-	-	-	-
Indian	7	-	-	-	2	-	-	-	-
Perinatal Rate	14.0	21.5	15.6	22.4	13.0	9.2	8.3	12.5	16.6
Maternal Deaths	3	-	-	-	-	-	-	-	-

SELECTED RESIDENT NATALITY STATISTICS BY COUNTY AND CITIES OVER 100,000*, MINNESOTA, 1979-CONT.

	Carlton	Carver	Cass	Chippewa	Chisago	Clay	Clear-water	Cook	Cotton-wood	Crow Wing
Live Births	460	652	337	264	445	745	145	58	211	636
Fertility Rate	72.8	79.4	85.4	87.7	83.9	55.5	91.1	72.4	73.8	74.6
Birth Rate	15.1	18.1	15.5	17.0	17.9	15.4	16.1	13.8	13.6	15.5
Sex: Male	243	331	158	137	238	386	73	35	103	347
Female	217	321	179	127	207	359	72	23	108	289
Out-of-Wedlock, Percent	10.0	5.7	17.2	8.3	10.8	7.9	11.7	12.1	2.8	12.4
Race: White	439	647	271	263	440	733	131	54	210	625
Black	-	3	-	-	-	3	-	-	-	1
Indian	17	-	65	1	-	6	14	4	-	7
Live Birth Order										
Median	2.4	2.3	2.4	2.3	2.3	2.2	2.4	2.3	2.4	2.4
% 5th or over	4.8	2.8	7.4	2.3	3.4	2.6	4.8	3.4	3.3	5.3
Prematurity, Percent										
Less than 37 weeks	6.3	4.8	6.8	4.9	6.3	7.7	7.6	1.7	7.1	6.1
2,500 grams or less	3.3	3.8	3.0	3.4	4.9	3.8	6.9	5.2	2.8	3.9
Plurality:										
Single	453	636	331	262	437	733	141	56	211	622
Twin	7	16	6	2	8	12	4	2	-	14
Triplet	-	-	-	-	-	-	-	-	-	-
Mother's Age, Percent										
Under 18	4.6	2.1	6.2	3.0	5.4	2.8	3.4	1.7	1.9	5.5
18-19	9.3	5.7	10.7	7.6	7.9	7.1	11.0	3.4	5.7	8.0
40 and over	.2	.8	.9	.8	1.6	.3	1.4	-	.5	.3
Mother's Education, Percent										
Less than 12 years	11.5	8.6	22.8	8.7	12.6	7.9	18.6	12.1	5.2	15.3
Over 3 years college	11.5	16.6	9.2	8.0	13.0	19.5	11.0	12.1	14.7	12.9
Prenatal Care Began, Percent										
3rd Trimester or none	2.2	2.8	8.0	1.1	2.5	3.0	4.1	5.2	.9	7.4
Prenatal Care Visits										
Median	10.4	11.6	8.5	10.3	10.1	11.8	10.1	12.0	11.0	8.8
Congenital Anomalies, Percent	1.3	.9	1.8	1.9	1.8	1.1	2.1	-	.9	.8
High Risk, Percent	12.6	12.7	16.0	20.5	16.6	11.3	17.2	20.7	10.9	16.2
Birth Injuries, Percent	.2	1.1	1.5	3.4	.9	.9	.7	-	2.8	2.0
Infant Deaths										
Total	3	6	3	3	9	9	4	-	1	13
White	3	6	3	3	9	8	4	-	1	13
Black	-	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-	-
Neonatal Deaths										
Total	2	5	1	1	6	6	3	-	1	7
White	2	5	1	1	6	5	3	-	1	7
Black	-	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-	-
First Day Deaths										
Total	2	3	1	-	4	1	2	-	1	2
White	2	3	1	-	4	1	2	-	1	2
Black	-	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-	-
1-6 Day Deaths										
Total	-	2	-	1	-	2	-	-	-	4
White	-	2	-	1	-	2	-	-	-	4
Black	-	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-	-
7-27 Day Deaths										
Total	-	-	-	-	2	3	1	-	-	1
White	-	-	-	-	2	2	1	-	-	1
Black	-	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-	-
Fetal Deaths										
Total	3	2	2	3	7	2	1	-	1	6
White	2	2	2	3	7	1	1	-	1	6
Black	-	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-	-
Perinatal Rate	10.9	10.7	8.9	15.2	29.2	10.7	27.6	-	9.5	20.4
Maternal Deaths	-	-	-	-	-	-	-	-	-	-

SELECTED RESIDENT NATALITY STATISTICS BY COUNTY AND CITIES OVER 100,000*, MINNESOTA, 1979-CONT.

	Dakota	Dodge	Douglas	Fari-bault	Fill-more	Free-born	Good-hue	Grant	Hennepin	Minn-eapolis
Live Births	3,334	285	474	305	336	566	599	112	13,355	5,625
Fertility Rate	62.0	96.4	87.0	86.2	83.6	78.5	75.6	80.2	57.1	55.1
Birth Rate	16.9	19.7	17.8	15.7	15.2	15.5	15.4	14.5	14.6	15.2
Sex: Male	1,655	149	224	154	191	286	335	52	6,894	2,879
Female	1,679	136	250	151	145	280	264	60	6,461	2,746
Out-of-Wedlock, Percent	7.6	4.9	5.5	7.9	4.8	8.0	6.7	2.7	16.4	28.3
Race: White	3,233	283	471	304	336	560	591	112	11,679	4,327
Black	33	-	-	-	-	-	1	-	933	815
Indian	14	-	1	-	-	1	3	-	393	353
Live Birth Order										
Median	2.3	2.3	2.4	2.5	2.4	2.3	2.3	2.3	2.1	2.0
% 5th or over	2.7	3.5	5.1	3.6	4.8	1.9	3.0	3.6	2.4	2.7
Prematurity, Percent										
Less than 37 weeks	6.9	8.4	6.3	4.3	6.5	9.9	8.3	1.8	7.3	8.1
2,500 grams or less	4.6	7.4	5.1	3.0	3.3	6.7	4.5	.9	6.1	7.0
Plurality:										
Single	3,283	280	468	298	330	552	581	112	13,070	5,527
Twin	51	5	6	7	6	14	18	-	285	98
Triplet	-	-	-	-	-	-	-	-	-	-
Mother's Age, Percent										
Under 18	2.1	5.3	3.6	3.6	1.8	3.2	2.2	.9	3.3	5.3
18-19	5.9	8.8	7.2	7.2	6.5	9.9	8.3	6.3	6.2	8.1
40 and over	.7	.7	.6	1.3	.6	.5	.5	-	.5	.5
Mother's Education, Percent										
Less than 12 years	7.5	13.0	9.9	12.5	11.6	12.7	11.4	2.7	11.8	19.5
Over 3 years college	17.5	10.2	10.8	12.8	14.0	12.2	13.5	22.3	22.4	20.2
Prenatal Care Began, Percent										
3rd Trimester or none	2.9	5.3	1.3	2.0	5.1	6.0	2.7	.9	3.4	5.5
Prenatal Care Visits										
Median	11.3	11.0	11.1	9.9	10.9	9.1	11.3	12.3	11.6	11.3
Congenital Anomalies, Percent	.9	.4	.8	1.6	1.8	1.1	1.8	2.7	1.1	1.4
High Risk, Percent	13.6	21.1	13.1	13.4	13.7	15.7	14.9	17.0	18.4	21.9
Birth Injuries, Percent	.6	.7	.8	2.0	.3	1.8	1.5	2.7	1.1	1.5
Infant Deaths										
Total	38	3	6	4	4	3	8	3	157	75
White	33	3	6	4	4	3	8	3	131	50
Black	3	-	-	-	-	-	-	-	19	19
Indian	1	-	-	-	-	-	-	-	6	6
Neonatal Deaths										
Total	26	3	4	3	3	2	5	1	101	45
White	24	3	4	3	3	2	5	1	89	34
Black	2	-	-	-	-	-	-	-	9	9
Indian	-	-	-	-	-	-	-	-	2	2
First Day Deaths										
Total	14	3	-	3	2	2	3	1	58	27
White	12	3	-	3	2	2	3	1	50	20
Black	2	-	-	-	-	-	-	-	7	7
Indian	-	-	-	-	-	-	-	-	-	-
1-6 Day Deaths										
Total	7	-	4	-	1	-	2	-	23	8
White	7	-	4	-	1	-	2	-	22	7
Black	-	-	-	-	-	-	-	-	1	1
Indian		-	-	-	-	-	-	-	-	-
7-27 Day Deaths										
Total	5	-	-	-	-	-	-	-	20	10
White	5	-	-	-	-	-	-	-	17	7
Black	-	-	-	-	-	-	-	-	1	1
Indian	-	-	-	-	-	-	-	-	2	2
Fetal Deaths										
Total	25	2	1	2	1	3	6	-	93	36
White	25	2	1	1	1	3	5	-	72	23
Black	-	-	-	-	-	-	-	-	8	8
Indian	-	-	-	-	-	-	-	-	4	4
Perinatal Rate	15.3	17.5	10.5	16.4	11.9	8.8	18.4	8.9	14.5	14.4
Maternal Deaths	-	-	-	-	-	-	-	-	2	2

SELECTED RESIDENT NATALITY STATISTICS BY COUNTY AND CITIES OVER 100,000*, MINNESOTA, 1979-CONT.

	Houston	Hubbard	Isanti	Itasca	Jackson	Kanabec	Kandiyohi	Kittson	Koochiching
Live Births	316	222	385	782	182	213	614	103	291
Fertility Rate	80.9	83.7	73.5	88.5	64.5	86.8	88.0	83.5	79.1
Birth Rate	16.8	16.3	17.6	18.3	12.6	17.5	17.5	15.1	16.4
Sex: Male	167	106	204	416	100	117	309	53	136
Female	149	116	181	366	82	96	305	50	155
Out-of-Wedlock, Percent	4.7	10.4	6.0	11.5	3.8	9.4	6.4	7.8	11.7
Race: White	314	212	375	705	180	211	612	102	259
Black	-	-	-	2	1	-	-	-	1
Indian	-	9	1	69	-	1	-	-	7
Live Birth Order									
Median	2.5	2.5	2.5	2.3	2.3	2.3	2.3	2.1	2.4
% 5th or over	6.0	6.8	2.9	3.8	3.8	7.5	3.1	3.9	4.5
Prematurity, Percent									
Less than 37 weeks	6.3	6.3	7.8	7.0	6.0	8.0	5.7	7.8	9.6
2,500 grams or less	3.5	4.5	5.5	5.5	2.7	6.6	5.0	2.9	7.2
Plurality:									
Single	314	220	375	773	176	207	600	99	283
Twin	2	2	7	9	6	6	14	4	8
Triplet	-	-	3	-	-	-	-	-	-
Mother's Age, Percent									
Under 18	2.5	5.0	3.6	4.7	2.2	5.6	3.3	3.9	4.8
18-19	3.2	9.9	8.3	9.1	6.0	10.3	8.6	9.7	11.3
40 and over	.6	1.4	.3	.9	.5	.9	.2	-	.3
Mother's Education, Percent									
Less than 12 years	7.6	9.5	10.9	15.1	7.7	17.4	10.6	11.7	15.1
Over 3 years college	18.7	9.0	13.2	10.1	15.4	10.3	12.2	14.6	10.7
Prenatal Care Began, Percent									
3rd Trimester or none	2.5	6.8	1.6	2.9	2.7	2.8	2.4	5.8	4.8
Prenatal Care Visits									
Median	11.1	8.3	10.7	9.5	12.0	10.3	10.9	9.5	10.1
Congenital Anomalies, Percent	1.9	1.4	.8	.6	1.6	2.3	1.0	2.9	2.1
High Risk, Percent	14.9	14.0	15.1	15.9	13.2	16.4	14.2	16.5	15.8
Birth Injuries, Percent	.3	.5	.8	1.7	1.1	.9	1.1	-	1.0
Infant Deaths									
Total	1	1	3	10	1	4	10	3	2
White	1	-	3	10	1	4	10	3	1
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	1
Neonatal Deaths									
Total	1	1	2	6	1	3	7	2	2
White	1	-	2	6	1	3	7	2	1
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	1
First Day Deaths									
Total	-	-	1	5	1	1	4	2	2
White	-	-	1	5	1	1	4	2	1
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	1
1-6 Day Deaths									
Total	1	1	1	1	-	-	2	-	-
White	1	-	1	1	-	-	2	-	-
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
7-27 Day Deaths									
Total	-	-	-	-	-	2	1	-	-
White	-	-	-	-	-	2	1	-	-
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
Fetal Deaths									
Total	-	2	2	2	1	-	1	-	5
White	-	2	1	2	1	-	1	-	4
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
Perinatal Rate	3.2	13.5	10.4	10.2	11.0	14.1	13.0	19.4	24.1
Maternal Deaths	-	-	-	-	-	-	-	-	-

SELECTED RESIDENT NATALITY STATISTICS BY COUNTY AND CITIES OVER 100,000*, MINNESOTA, 1979-CONT.

	Lac Qui Parle	Lake	Lake of the Woods	Le Sueur	Lincoln	Lyon	Mc-Leod	Mahnomen	Marshall
Live Births	169	204	58	409	127	400	503	91	229
Fertility Rate	83.5	67.7	82.5	93.3	93.1	73.0	78.0	83.1	90.4
Birth Rate	14.8	15.0	14.1	18.3	15.7	16.1	16.9	15.4	17.3
Sex: Male	89	111	34	207	63	217	264	47	132
Female	80	93	24	202	64	183	239	44	97
Out-of-Wedlock, Percent	2.4	7.4	10.3	8.1	10.2	9.3	3.8	13.2	6.6
Race: White	168	199	56	404	127	396	500	62	227
Black	-	1	-	-	-	1	-	-	-
Indian	-	1	1	1	-	1	1	29	2
Live Birth Order									
Median	2.5	2.4	2.6	2.4	2.8	2.3	2.4	2.4	2.6
% 5th or over	3.6	2.5	5.2	6.4	9.4	3.3	3.8	7.7	5.7
Prematurity, Percent									
Less than 37 weeks	8.9	8.3	3.4	9.5	7.1	6.8	6.4	5.5	7.9
2,500 grams or less	4.7	6.9	1.7	6.6	2.4	2.5	3.4	1.1	4.4
Plurality:									
Single	167	196	58	406	123	391	500	91	225
Twin	2	8	-	3	4	9	2	-	4
Triplet	-	-	-	-	-	-	1	-	-
Mother's Age, Percent									
Under 18	2.4	2.9	6.9	2.7	5.5	3.3	2.4	4.4	3.9
18-19	5.3	13.2	5.2	6.8	7.9	10.5	7.0	16.5	8.7
40 and over	.6	1.0	-	1.5	.8	.8	.6	1.1	.4
Mother's Education, Percent									
Less than 12 years	5.9	9.8	22.4	9.3	11.0	14.5	8.7	14.3	9.2
Over 3 years college	14.2	9.3	15.5	13.0	18.9	14.8	7.6	11.0	16.2
Prenatal Care Began, Percent									
3rd Trimester or none	1.8	2.9	1.7	1.7	9.4	5.5	.8	3.3	3.1
Prenatal Care Visits									
Median	9.5	10.0	8.1	10.8	9.3	12.0	11.1	8.6	9.6
Congenital Anomalies, Percent	.6	-	1.7	1.2	1.6	2.3	1.0	-	1.3
High Risk, Percent	17.8	15.2	15.5	17.1	13.4	13.8	12.7	22.0	11.4
Birth Injuries, Percent	3.0	.5	5.2	1.7	1.6	1.8	.8	-	.9
Infant Deaths									
Total	-	2	-	4	1	4	5	1	4
White	-	2	-	4	1	4	5	1	4
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
Neonatal Deaths									
Total	-	2	-	2	1	2	2	1	2
White	-	2	-	2	1	2	2	1	2
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
First Day Deaths									
Total	-	1	-	1	1	2	2	1	-
White	-	1	-	1	1	2	2	1	-
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
1-6 Day Deaths									
Total	-	1	-	1	-	-	-	-	2
White	-	1	-	1	-	-	-	-	2
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
7-27 Day Deaths									
Total	-	-	-	-	-	-	-	-	-
White	-	-	-	-	-	-	-	-	-
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
Fetal Deaths									
Total	2	1	-	3	3	2	4	-	2
White	2	1	-	3	3	2	4	-	2
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
Perinatal Rate	11.8	14.7	-	12.2	31.5	10.0	11.9	11.0	17.5
Maternal Deaths	-	-	-	-	-	-	-	-	-

SELECTED RESIDENT NATALITY STATISTICS BY COUNTY AND CITIES OVER 100,000*, MINNESOTA, 1979-CONT.

	Martin	Meeker	Mille Lacs	Morrison	Mower	Murray	Nicollet	Nobles	Norman
Live Births	400	353	340	553	629	185	465	367	159
Fertility Rate	82.1	89.7	91.3	95.7	77.3	79.2	71.8	80.8	94.3
Birth Rate	15.7	17.4	17.7	19.3	15.3	15.0	18.1	16.0	16.6
Sex: Male	199	176	189	276	331	85	247	188	78
Female	201	177	151	277	298	100	218	179	81
Out-of-Wedlock, Percent	4.8	5.1	9.1	11.4	9.4	7.0	6.5	3.5	4.4
Race: White	399	353	318	546	625	184	462	364	156
Black	-	-	-	1	1	-	-	-	-
Indian	-	-	18	1	1	-	2	1	3
Live Birth Order									
Median	2.4	2.5	2.3	2.5	2.3	2.6	2.4	2.2	2.4
% 5th or over	4.5	5.1	3.5	12.1	1.7	3.8	3.9	2.2	7.5
Prematurity, Percent									
Less than 37 weeks	6.0	5.1	9.1	6.1	5.1	7.0	6.5	7.9	10.7
2,500 grams or less	3.0	3.4	5.3	3.8	4.6	5.9	4.1	2.5	9.4
Plurality:									
Single	394	347	324	545	617	181	455	359	155
Twin	6	6	16	8	12	4	10	8	4
Triplet	-	-	-	-	-	-	-	-	-
Mother's Age, Percent									
Under 18	3.5	3.1	3.8	5.1	2.9	3.2	2.6	1.6	4.4
18-19	7.5	7.6	8.8	9.6	10.3	9.2	5.8	6.8	8.2
40 and over	1.3	.8	.3	1.4	1.1	1.6	1.1	-	.6
Mother's Education, Percent									
Less than 12 years	9.8	12.7	14.4	12.7	11.6	6.5	7.5	7.4	13.2
Over 3 years college	15.0	10.2	8.2	7.1	10.5	11.9	20.9	12.0	13.8
Prenatal Care Began, Percent									
3rd Trimester or none	1.8	3.1	3.5	1.1	3.2	4.9	.6	1.1	3.8
Prenatal Care Visits									
Median	11.8	9.7	9.9	10.1	10.7	9.8	11.0	11.2	9.5
Congenital Anomalies, Percent	.5	1.7	1.5	.4	2.1	.5	1.1	1.4	-
High Risk, Percent	11.5	15.9	16.8	12.3	17.3	12.4	11.2	9.3	20.8
Birth Injuries, Percent	-	4.5	1.8	.7	1.0	.5	1.3	.3	1.9
Infant Deaths									
Total	-	1	6	7	6	2	4	2	6
White	-	1	3	7	6	2	4	2	6
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	3	-	-	-	-	-	-
Neonatal Deaths									
Total	-	1	2	4	5	1	3	1	4
White	-	1	1	4	5	1	3	1	4
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	1	-	-	-	-	-	-
First Day Deaths									
Total	-	-	-	-	5	1	-	-	-
White	-	-	-	-	5	1	-	-	-
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
1-6 Day Deaths									
Total	-	-	2	2	-	-	1	1	3
White	-	-	1	2	-	-	1	1	3
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	1	-	-	-	-	-	-
7-27 Day Deaths									
Total	-	1	-	2	-	-	2	-	1
White	-	1	-	2	-	-	2	-	1
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
Fetal Deaths									
Total	1	2	5	10	2	1	5	4	-
White	1	2	4	9	2	1	5	4	-
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	1	-	-	-	-	-	-
Perinatal Rate	2.5	8.5	20.6	25.3	11.1	10.8	17.2	13.6	25.2
Maternal Deaths	-	-	-	1	-	-	-	-	-

SELECTED RESIDENT NATALITY STATISTICS BY COUNTY AND CITIES OVER 100,000*, MINNESOTA, 1979-CONT.

	Olmsted	Otter Tail	Pennington	Pine	Pipestone	Polk	Pope	Ramsey	St. Paul
Live Births	1,590	745	288	348	167	578	194	7,165**	4,338**
Fertility Rate	64.5	78.6	92.6	95.5	72.7	82.2	96.8	65.4	66.8
Birth Rate	17.1	14.6	19.5	17.8	14.2	16.2	16.9	15.8	16.1
Sex: Male	847	388	144	181	84	313	99	3,673	2,212
Female	743	357	144	167	83	265	95	3,491	2,125
Out-of-Wedlock, Percent	7.9	5.5	6.6	10.9	4.8	8.3	5.7	16.1	21.3
Race: White	1,548	739	283	342	163	564	194	6,454	3,769
Black	10	-	-	1	-	3	-	388	356
Indian	1	3	3	5	4	7	-	81	68
Live Birth Order									
Median	2.3	2.3	2.4	2.4	2.2	2.4	2.4	2.1	2.1
% 5th or over	2.8	4.4	2.8	4.0	4.2	3.6	6.2	3.0	3.4
Prematurity, Percent									
Less than 37 weeks	6.2	8.2	4.9	9.2	7.2	7.6	7.2	7.4	8.0
2,500 grams or less	5.5	4.6	3.5	7.8	9.6	5.5	2.1	6.0	6.5
Plurality:									
Single	1,551	731	288	332	159	572	188	7,018	4,257
Twin	39	14	-	16	8	6	6	144	81
Triplet	-	-	-	-	-	-	-	3	-
Mother's Age, Percent									
Under 18	2.0	2.1	2.4	5.5	3.6	4.2	2.1	3.9	4.9
18-19	4.4	7.7	9.0	12.6	8.4	7.1	7.7	8.5	10.2
40 and over	.6	1.2	.3	1.4	.6	.5	3.6	.7	.9
Mother's Education, Percent									
Less than 12 years	6.1	10.2	10.1	17.8	6.6	13.5	6.2	12.8	16.8
Over 3 years college	27.7	13.3	11.1	8.6	13.8	14.4	13.4	17.7	14.5
Prenatal Care Began, Percent									
3rd Trimester or none	4.6	2.3	4.9	3.7	4.2	3.6	4.6	3.6	4.4
Prenatal Care Visits									
Median	11.5	11.3	10.4	10.3	9.6	10.3	10.3	11.1	11.0
Congenital Anomalies, Percent	1.1	2.0	.7	1.1	.6	1.4	1.0	.9	.9
High Risk, Percent	19.5	16.6	8.7	21.0	17.4	14.9	19.1	19.0	20.7
Birth Injuries, Percent	1.8	3.0	.3	3.2	.6	.7	1.5	1.1	1.2
Infant Deaths									
Total	14	10	2	4	-	8	2	68	42
White	14	10	2	4	-	8	2	53	29
Black	-	-	-	-	-	-	-	11	10
Indian	-	-	-	-	-	-	-	2	2
Neonatal Deaths									
Total	10	8	-	2	-	5	1	44	26
White	10	8	-	2	-	5	1	33	17
Black	-	-	-	-	-	-	-	10	9
Indian	-	-	-	-	-	-	-	-	-
First Day Deaths									
Total	5	5	-	2	-	2	1	26	17
White	5	5	-	2	-	2	1	19	10
Black	-	-	-	-	-	-	-	7	7
Indian	-	-	-	-	-	-	-	-	-
1-6 Day Deaths									
Total	4	2	-	-	-	1	-	9	4
White	4	2	-	-	-	1	-	8	4
Black	-	-	-	-	-	-	-	1	-
Indian	-	-	-	-	-	-	-	-	-
7-27 Day Deaths									
Total	1	1	-	-	-	2	-	9	5
White	1	1	-	-	-	2	-	6	3
Black	-	-	-	-	-	-	-	2	2
Indian	-	-	-	-	-	-	-	-	-
Fetal Deaths									
Total	14	4	1	-	-	3	4	55	36
White	14	4	1	-	-	3	4	49	32
Black	-	-	-	-	-	-	-	3	2
Indian	-	-	-	-	-	-	-	-	-
Perinatal Rate	15.1	16.1	3.5	5.7	-	13.8	25.8	13.8	14.3
Maternal Deaths	-	-	-	-	-	-	-	-	-

SELECTED RESIDENT NATALITY STATISTICS BY COUNTY AND CITIES OVER 100,000*, MINNESOTA, 1979-CONT.

	Red Lake	Redwood	Renville	Rice	Rock	Roseau	St. Louis	Duluth	Scott
Live Births	101	340	305	732	188	221	3,391	1,561	757
Fertility Rate	107.6	94.5	83.2	63.9	87.0	90.8	71.9	72.5	68.7
Birth Rate	19.8	17.3	14.9	16.2	17.1	16.9	15.3	16.3	17.0
Sex: Male	45	169	162	367	108	121	1,752	786	387
Female	56	171	143	365	80	100	1,639	775	370
Out-of-Wedlock, Percent	6.9	6.2	5.2	7.1	3.7	7.7	11.2	13.5	7.4
Race: White	100	334	304	726	186	217	3,267	1,483	744
Black	-	-	-	1	-	-	22	22	3
Indian	1	5	1	2	-	4	66	34	8
Live Birth Order									
Median	2.4	2.6	2.4	2.4	2.5	2.5	2.2	2.1	2.3
% 5th or over	6.9	7.1	4.3	3.3	4.3	7.2	2.2	1.9	3.8
Prematurity, Percent									
Less than 37 weeks	10.9	9.7	5.6	6.6	7.4	6.3	7.5	7.4	6.3
2,500 grams or less	5.0	3.2	5.6	4.9	2.7	4.5	5.0	4.8	5.7
Plurality:									
Single	101	334	297	714	188	215	3,332	1,532	738
Twin	-	6	8	18	-	6	59	29	16
Triplet	-	-	-	-	-	-	-	-	3
Mother's Age, Percent									
Under 18	6.9	3.2	4.6	3.1	1.1	2.3	3.4	3.0	2.8
18-19	7.9	9.1	6.6	7.2	8.5	7.7	7.8	7.4	6.7
40 and over	-	1.2	.7	1.4	1.1	.5	.4	.4	1.1
Mother's Education, Percent									
Less than 12 years	10.9	7.4	10.8	12.0	5.3	12.2	12.0	10.3	8.1
Over 3 years college	6.9	10.9	13.4	13.5	11.7	10.4	14.0	17.8	12.8
Prenatal Care Began, Percent									
3rd Trimester or none	7.9	2.1	1.0	3.0	1.1	4.5	3.2	2.9	2.8
Prenatal Care Visits									
Median	10.2	10.6	11.1	10.9	11.0	9.4	10.3	9.6	11.5
Congenital Anomalies, Percent	1.0	1.2	2.3	1.0	.5	2.7	1.3	1.9	1.5
High Risk, Percent	10.9	14.1	16.7	19.0	7.4	18.1	13.9	12.2	15.7
Birth Injuries, Percent	-	3.8	2.0	2.3	.5	2.7	.4	.4	1.8
Infant Deaths									
Total	1	3	4	4	1	2	39	18	8
White	1	3	4	4	1	2	37	16	8
Black	-	-	-	-	-	-	1	1	-
Indian	-	-	-	-	-	-	1	1	-
Neonatal Deaths									
Total	1	1	2	2	1	-	27	12	8
White	1	1	2	2	1	-	26	11	8
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	1	1	-
First Day Deaths									
Total	1	1	1	2	-	-	13	4	4
White	1	1	1	2	-	-	13	4	4
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
1-6 Day Deaths									
Total	-	-	1	-	1	-	8	5	3
White	-	-	1	-	1	-	8	5	3
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
7-27 Day Deaths									
Total	-	-	-	-	-	-	6	3	1
White	-	-	-	-	-	-	5	2	1
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	1	1	-
Fetal Deaths									
Total	-	1	2	5	-	-	22	11	5
White	-	1	2	5	-	-	21	10	5
Black	-	-	-	-	-	-	1	1	-
Indian	-	-	-	-	-	-	-	-	-
Perinatal Rate	9.9	5.9	13.1	9.6	5.3	-	14.5	14.7	17.2
Maternal Deaths	-	-	-	-	-	-	-	-	-

SELECTED RESIDENT NATALITY STATISTICS BY COUNTY AND CITIES OVER 100,000*, MINNESOTA, 1979-CONT.

	Sher-burne	Sibley	Stearns	Steele	Stevens	Swift	Todd	Traverse	Wabasha
Live Births	600	249	1,921	554	183	205	420	76	346
Fertility Rate	79.1	80.4	68.8	80.6	74.0	86.6	92.0	67.1	88.6
Birth Rate	18.4	16.0	17.7	18.0	16.6	15.6	17.1	12.9	17.7
Sex: Male	313	125	953	274	100	102	222	40	178
Female	287	124	968	280	83	103	198	36	168
Out-of-Wedlock, Percent	6.8	4.0	6.9	3.4	3.8	7.8	5.2	13.2	5.5
Race: White	576	249	1,903	554	182	203	419	70	343
Black	2	-	2	-	-	1	-	-	-
Indian	1	-	4	-	-	-	-	6	1
Live Birth Order									
Median	2.3	2.6	2.4	2.3	2.4	2.5	2.6	2.4	2.3
% 5th or over	3.3	5.6	7.9	2.0	2.2	7.3	7.6	7.9	4.9
Prematurity, Percent									
Less than 37 weeks	7.7	5.6	6.6	8.1	6.6	4.9	4.0	1.3	7.5
2,500 grams or less	5.8	2.0	3.6	5.2	4.4	4.9	2.6	2.6	6.6
Plurality:									
Single	578	249	1,889	545	183	203	412	76	340
Twin	22	-	32	9	-	2	8	-	6
Triplet	-	-	-	-	-	-	-	-	-
Mother's Age, Percent									
Under 18	3.5	1.6	2.0	2.3	1.6	3.4	3.6	2.6	2.9
18-19	10.3	6.4	6.6	7.9	6.0	8.8	7.9	10.5	7.5
40 and over	1.0	1.2	1.3	.7	.5	1.0	2.1	-	.3
Mother's Education, Percent									
Less than 12 years	9.7	7.2	7.6	8.1	5.5	8.8	11.2	11.8	10.7
Over 3 years college	12.5	12.9	13.9	15.0	13.1	13.2	9.0	9.2	13.9
Prenatal Care Began, Percent									
3rd Trimester or none	2.0	2.8	1.5	4.3	1.1	5.9	4.3	5.3	4.3
Prenatal Care Visits									
Median	10.7	10.2	10.4	10.8	9.4	9.6	9.8	10.7	10.4
Congenital Anomalies, Percent	2.5	.8	.8	1.3	.5	1.0	1.2	2.6	-
High Risk, Percent	17.0	14.5	13.0	14.6	9.8	15.6	14.5	15.8	16.8
Birth Injuries, Percent	1.7	2.0	1.0	1.4	.5	2.0	1.9	1.3	.9
Infant Deaths									
Total	11	1	10	5	1	2	4	1	2
White	11	1	10	5	1	2	4	1	2
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
Neonatal Deaths									
Total	6	1	9	3	-	2	3	1	2
White	6	1	9	3	-	2	3	1	2
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
First Day Deaths									
Total	-	1	5	1	-	1	1	-	2
White	-	1	5	1	-	1	1	-	2
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
1-6 Day Deaths									
Total	5	-	1	2	-	-	1	-	-
White	5	-	1	2	-	-	1	-	-
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
7-27 Day Deaths									
Total	1	-	3	-	-	1	1	1	-
White	1	-	3	-	-	1	1	1	-
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
Fetal Deaths									
Total	6	1	12	5	1	-	6	1	-
White	6	1	12	5	1	-	5	1	-
Black	-	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-	-
Perinatal Rate	20.0	8.0	10.9	14.4	5.5	9.8	21.4	26.3	5.8
Maternal Deaths	-	-	-	-	-	-	-	-	-

SELECTED RESIDENT NATALITY STATISTICS BY COUNTY AND CITIES OVER 100,000*, MINNESOTA, 1979-CONT.

	Wadena	Waseca	Wash-ington	Watonwan	Wilkin	Winona	Wright	Yellow Medicine
Live Births	253	355	1,859	226	144	695	1,160	205
Fertility Rate	94.7	95.8	60.3	97.8	86.6	61.6	99.3	79.9
Birth Rate	18.3	19.0	15.6	18.4	16.7	15.2	21.3	15.1
Sex: Male	132	185	950	112	78	346	585	107
Female	121	170	909	114	66	349	575	98
Out-of-Wedlock, Percent	9.1	4.2	6.9	6.2	6.9	9.8	5.7	7.3
Race: White	252	355	1,831	225	141	688	1,089	205
Black	1	-	13	-	-	2	1	-
Indian	-	-	8	-	2	1	1	-
Live Birth Order								
Median	2.5	2.5	2.3	2.4	2.5	2.3	2.5	2.4
% 5th or over	5.5	4.8	2.2	3.5	6.3	5.0	4.2	3.9
Prematurity, Percent								
Less than 37 weeks	5.9	6.5	6.9	8.8	8.3	9.8	5.2	7.8
2,500 grams or less	4.0	4.2	5.2	4.9	2.1	5.2	3.3	5.4
Plurality:								
Single	249	355	1,805	222	140	685	1,138	205
Twin	4	-	54	4	4	10	22	-
Triplet	-	-	-	-	-	-	-	-
Mother's Age, Percent								
Under 18	3.2	1.4	2.7	2.2	2.1	1.6	2.5	2.0
18-19	11.5	4.8	5.6	5.8	6.3	8.2	7.2	10.2
40 and over	1.6	.8	.7	.4	-	1.2	.4	1.5
Mother's Education, Percent								
Less than 12 years	7.5	7.3	7.9	11.1	9.0	10.9	9.2	12.2
Over 3 years college	10.7	13.2	15.3	13.3	11.8	17.4	10.3	13.7
Prenatal Care Began, Percent								
3rd Trimester or none	2.4	1.7	2.4	6.6	2.1	2.3	1.6	3.4
Prenatal Care Visits								
Median	10.2	10.1	10.8	10.5	10.8	11.0	10.3	9.3
Congenital Anomalies, Percent	2.0	.6	1.2	2.7	1.4	1.3	1.8	1.0
High Risk, Percent	19.4	12.1	15.7	17.3	9.7	17.1	13.8	14.1
Birth Injuries, Percent	3.2	.8	1.1	5.3	.7	1.7	1.7	2.4
Infant Deaths								
Total	4	2	27	2	2	3	13	1
White	4	2	27	2	2	3	13	1
Black	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-
Neonatal Deaths								
Total	4	2	23	2	2	1	10	1
White	4	2	23	2	2	1	10	1
Black	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-
First Day Deaths								
Total	3	2	13	2	-	1	2	1
White	3	2	13	2	-	1	2	1
Black	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-
1-6 Day Deaths								
Total	1	-	7	-	1	-	6	-
White	1	-	7	-	1	-	6	-
Black	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-
7-27 Day Deaths								
Total	-	-	3	-	1	-	2	-
White	-	-	3	-	1	-	2	-
Black	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-
Fetal Deaths								
Total	1	-	12	1	-	3	6	-
White	1	-	12	1	-	3	6	-
Black	-	-	-	-	-	-	-	-
Indian	-	-	-	-	-	-	-	-
Perinatal Rate	19.8	5.6	18.8	13.3	13.9	5.8	13.8	4.9
Maternal Deaths	-	-	-	-	-	-	-	-

* As of the 1970 Census
** Includes sex unknown

LIVE BIRTHS BY AGE OF MOTHER AND LIVE BIRTH ORDER
MINNESOTA RESIDENTS, 1979

Live Birth Order	Age of Mother									
	Total Births	Under 15 Years	15-19 Years	20-24 Years	25-29 Years	30-34 Years	35-39 Years	40-44 Years	45 & Over Years	Age Not Stated
First	26,560	47	5,613	11,111	7,597	1,904	263	23	1	1
Second	20,860	1	1,033	7,464	8,566	3,322	437	33	1	3
Third	10,355	-	89	2,031	4,616	3,011	557	47	4	-
Fourth	3,711	-	7	342	1,390	1,444	474	53	1	-
Fifth	1,193	-	1	59	296	493	292	50	2	-
Sixth	514	-	-	5	84	203	161	56	5	-
Seventh	242	-	-	1	18	74	107	38	4	-
Eight or Over	332	-	2	1	9	65	140	104	11	-
Not Stated	1,558	1	149	572	523	240	58	11	2	2
TOTAL	65,325	49	6,894	21,586	23,099	10,756	2,489	415	31	6
Percent	100.0	0.1	10.6	33.0	35.4	16.5	3.8	0.6	0.0	0.0

LIVE BIRTH WEIGHT BY LIVE BIRTH ORDER AND SEX
MINNESOTA RESIDENTS, 1979

Live Birth Order	Total Births	Weight in Grams									
		1,000 or Less	1,001 to 1,500	1,501 to 2,000	2,001 to 2,500	2,501 to 3,000	3,001 to 3,500	3,501 to 4,000	4,001 to 4,500	4,501 and Over	Weight Not Stated
First	26,560	130	162	286	949	3,829	10,195	8,246	2,344	391	28
Second	20,860	78	102	192	559	2,459	7,293	7,082	2,515	543	37
Third	10,355	38	52	103	300	1,174	3,323	3,539	1,450	358	18
Fourth	3,711	10	20	29	131	382	1,149	1,296	533	155	6
Fifth	1,193	-	2	12	48	130	378	362	191	69	1
Sixth	514	2	1	5	20	49	151	173	79	33	1
Seventh	242	-	-	3	13	21	79	80	31	15	-
Eight or Over	332	-	1	3	11	28	71	116	76	26	-
Not Stated	1,558	13	2	12	30	85	289	262	73	22	770
TOTAL	65,325*	271	342	645	2,061*	8,157	22,928	21,156	7,292	1,612	861
Male	33,618	136	170	319	949	3,511	10,800	11,597	4,542	1,142	452
Female	31,706	135	172	326	1,111	4,646	12,128	9,559	2,750	470	409

* Includes sex unknown

LIVE BIRTHS, FETAL DEATHS, DEATHS, INFANT DEATHS, AND NEONATAL DEATHS
BY URBAN AREA OF RESIDENCE, MINNESOTA, 1979

Urban Area*	Live Births	Fetal Deaths	Deaths	Infant Deaths	Neonatal Deaths
Albert Lea	306	1	179	-	-
Alexandria	120	-	135	4	3
Anoka	405	5	112	3	1
Apple Valley	414	4	38	3	1
Arden Hills	126	1	54	1	1
Aurora	49	-	33	1	-
Austin	357	1	249	5	4
Babbitt	27	-	16	1	1
Bayport	28	-	27	-	-
Bemidji	143	1	113	1	-
Benson	51	-	70	-	-
Blaine	554	8	79	9	4
Bloomington	931	11	385	9	4
Blue Earth	54	-	54	1	1
Brainerd	190	5	129	3	3
Breckenridge	64	-	59	2	1
Brooklyn Center	445	3	154	8	3
Brooklyn Park	944	6	106	8	3
Buffalo	134	-	67	2	1
Burnsville	568	1	95	7	5
Caledonia	50	-	38	-	-
Cambridge	50	-	87	2	2
Chanhassen	69	-	9	-	-
Chaska	180	1	39	3	2
Chisholm	82	-	63	1	1
Circle Pines	84	-	20	1	1
Cloquet	201	-	123	1	1
Columbia Heights	257	-	134	4	4
Coon Rapids	620	3	89	7	4
Cottage Grove	322	1	31	4	3
Crookston	159	1	105	4	1
Crystal	369	2	143	5	4
Deephaven	39	-	10	-	-
Detroit Lakes	109	1	101	3	2
Duluth	1,561	11	1,018	18	10
East Bethel	71	1	14	2	1
East Grand Forks	163	-	67	2	1
Eden Prairie	263	2	27	1	-
Edina	305	2	378	5	3
Ely	67	-	74	2	1

LIVE BIRTHS, FETAL DEATHS, DEATHS, INFANT DEATHS, AND NEONATAL DEATHS BY URBAN AREA OF RESIDENCE, MINNESOTA, 1979-CONT.

Urban Area*	Live Births	Fetal Deaths	Deaths	Infant Deaths	Neonatal Deaths
Eveleth	97	1	71	-	-
Excelsior	64	-	24	1	1
Fairmont	189	-	100	-	-
Falcon Heights	109	-	24	-	-
Faribault	291	2	165	1	1
Farmington	122	-	47	2	1
Fergus Falls	177	2	143	2	1
Forest Lake	158	1	80	2	-
Fridley	471	2	135	6	5
Glencoe	73	1	41	2	2
Glenwood	33	-	56	1	1
Golden Valley	218	1	135	1	1
Grand Rapids	222	1	113	3	2
Granite Falls	49	-	35	-	-
Hastings	260	1	94	2	-
Hibbing	268	1	174	2	2
Hopkins	226	-	149	3	1
Hoyt Lakes	60	-	14	-	-
Hutchinson	151	-	70	-	-
International Falls	157	1	69	-	-
Inver Grove Heights	315	3	59	4	2
Jackson	60	-	45	-	-
La Crescent	56	-	45	-	-
Lake City	61	-	58	-	-
Lake Elmo	79	1	25	2	1
Lakeville	239	3	33	1	1
Lauderdale	44	-	11	-	-
Le Sueur	48	-	36	-	-
Lino Lakes	79	-	10	-	-
Litchfield	88	1	102	1	-
Little Canada	138	1	28	4	2
Little Falls	138	1	108	2	1
Luverne	76	-	67	-	-
Mahtomedi	59	-	18	1	1
Mankato	469	1	186	5	3
Maple Grove	407	7	37	7	7
Maplewood	394	2	173	2	1
Marshall	165	1	76	1	-
Mendota Heights	68	-	34	3	3
Minneapolis	5,625	36	4,238	75	40

LIVE BIRTHS, FETAL DEATHS, DEATHS, INFANT DEATHS, AND NEONATAL DEATHS BY URBAN AREA OF RESIDENCE, MINNESOTA, 1979-CONT.

Urban Area*	Live Births	Fetal Deaths	Deaths	Infant Deaths	Neonatal Deaths
Minnetonka	438	3	156	2	2
Minnetrista	22	-	9	-	-
Montevideo	98	-	83	2	1
Moorhead	393	1	167	6	2
Mora	40	-	51	-	-
Morris	80	1	64	-	-
Mound	203	2	53	2	-
Mounds View	195	3	19	-	-
New Brighton	387	4	109	2	-
New Hope	304	2	122	3	1
New Prague	55	1	40	-	-
New Ulm	236	2	132	3	2
Newport	99	2	18	1	1
Northfield	137	2	106	-	-
North Mankato	197	4	48	2	1
North St. Paul	217	-	58	5	3
Oakdale	228	2	39	6	6
Olivia	44	1	35	1	-
Orono	80	-	27	-	-
Ortonville	8	-	33	-	-
Osseo	84	-	32	-	-
Owatonna	337	5	160	3	2
Park Rapids	38	1	80	1	1
Pipestone	62	-	60	-	-
Plymouth	390	2	102	5	3
Princeton	56	-	45	1	-
Proctor	57	-	41	-	-
Red Wing	188	1	177	3	3
Redwood Falls	78	-	69	1	1
Richfield	441	2	239	5	3
Robbinsdale	178	2	136	2	-
Rochester	1,052	13	394	12	7
Roseau	23	-	42	-	-
Roseville	366	2	213	4	4
St. Anthony	58	-	55	1	-
St. Cloud	549	2	271	2	1
St. James	80	1	51	1	1
St. Louis Park	525	3	360	6	4
St. Paul	4,338	36	2,735	42	23
St. Paul Park	83	-	25	-	-

LIVE BIRTHS, FETAL DEATHS, DEATHS, INFANT DEATHS, AND NEONATAL DEATHS BY URBAN AREA OF RESIDENCE, MINNESOTA, 1979-CONT.

Urban Area*	Live Births	Fetal Deaths	Deaths	Infant Deaths	Neonatal Deaths
St. Peter	106	-	66	2	2
Sauk Centre	59	3	35	2	1
Sauk Rapids	162	1	78	2	1
Savage	57	1	18	1	1
Shakopee	205	1	75	1	1
Shoreview	267	3	49	2	1
Shorewood	61	-	17	2	1
Silver Bay	50	-	8	-	-
Sleepy Eye	53	-	52	-	-
South St. Paul	338	2	165	1	1
Springfield	29	1	39	-	-
Spring Lake Park	90	1	18	-	-
Spring Valley	37	-	30	-	-
Staples	44	2	35	1	1
Stewartville	89	-	28	1	1
Stillwater	260	-	98	4	3
Thief River Falls	169	1	109	1	-
Tracy	29	-	50	-	-
Two Harbors	58	1	66	2	2
Vadnais Heights	90	-	8	-	-
Virginia	162	-	157	3	1
Wadena	90	-	52	2	2
Waite Park	67	1	29	-	-
Waseca	169	-	86	1	1
Wayzata	88	1	55	1	1
Wells	49	-	45	2	1
West St. Paul	221	4	163	6	4
White Bear Lake	453	4	128	4	2
Willmar	234	-	135	6	3
Windom	67	-	54	-	-
Winona	346	2	272	1	-
Woodbury	172	2	31	2	2
Worthington	141	3	97	1	-

* Municipalities with population of 2,500 or more.

PRENATAL CARE AND RACE BY AGE OF MOTHER AND BY LEGITIMACY STATUS
MINNESOTA RESIDENTS, 1979

	Total	Percent	Age of Mother					
			Under 15	15-19	20-29	30-39	40 and Over	Unknown
Legitimate Live Births	58,323*	-	1	3,720	41,365	12,801	430	6
Prenatal Care Started								
1st Trimester	45,230	77.6	-	2,342	32,594	10,035	257	2
2nd Trimester	9,612	16.5	-	1,054	6,374	2,063	119	2
3rd Trimester	1,153	2.0	1	140	765	220	27	-
No Care	111	0.2	-	14	57	33	7	-
Unknown	2,217	3.8	-	170	1,575	450	20	2
Race								
White	55,757	95.6	1	3,546	39,583	12,213	410	4
Black	679	1.2	-	32	493	150	4	-
Indian	507	0.9	-	57	369	78	3	-
Out-of-Wedlock Live Births	7,002*†	-	48	3,174	3,320	444	16	-
Prenatal Care Started								
1st Trimester	3,483	49.7	10	1,380	1,835	249	9	-
2nd Trimester	2,341	33.4	25	1,251	941	121	3	-
3rd Trimester	661	9.4	8	314	300	37	2	-
No Care	124	1.8	4	55	53	10	2	-
Unknown	393	5.6	1	174	191	27	-	-
Race								
White	5,504	78.6	33	2,578	2,565	314	14	-
Black	770	11.0	11	300	394	64	1	-
Indian	599	8.6	4	248	293	54	-	-
Legitimate Fetal Deaths	373*	-	-	31	220	113	5	4
Race								
White	349	93.6	-	28	211	104	4	2
Black	3	0.8	-	-	2	1	-	-
Indian	4	1.1	-	-	-	4	-	-
Out-of-Wedlock Fetal Deaths	72*†	-	1	33	27	10	-	1
Race								
White	56	77.8	1	25	21	8	-	1
Black	9	12.5	-	4	5	-	-	-
Indian	3	4.2	-	-	1	2	-	-

*Includes deliveries of other and unknown races
†Includes unknown legitimacy status

FETAL DEATHS OF 20 WEEKS AND OVER BY CAUSE AND WEIGHT OF FETUS
MINNESOTA RESIDENTS, 1979

Cause of Death	Total Fetal Deaths	Weight in Grams: 1,000 or Less	1,001 to 1,500	1,501 to 2,000	2,001 to 2,500	2,501 to 3,000	3,001 to 3,500	3,501 to 4,000	4,001 to 4,500	4,501 and Over	Weight Unknown
Total All Causes	445	124	38	26	43	30	41	27	13	5	98
Complications of Placenta, Cord, or Membranes	154	27	11	5	20	13	15	13	7	3	40
Congenital Anomalies	43	13	9	3	5	2	4	1	-	-	6
Anencephalus and Similar Anomalies	(13)	(6)	(3)	(2)	-	-	(1)	-	-	-	(1)
Hydrocephalus	(2)	-	-	-	(2)	-	-	-	-	-	-
Maternal Conditions Related to Pregnancy	35	21	4	1	2	-	-	1	-	-	6
Hypoxia and Birth Asphyxia	24	4	1	2	2	5	1	3	1	1	4
Maternal Conditions Unrelated to Pregnancy	23	6	2	3	1	-	2	2	-	-	7
Other Diseases or Conditions of Fetus	22	7	1	-	2	2	5	1	1	-	3
Short Gestation and Low Birthweight	12	7	2	1	-	-	-	-	-	-	2
Complications of Labor and Delivery	7	2	2	1	-	-	1	-	-	-	1
Malpresentation of Fetus	(4)	(1)	(1)	(1)	-	-	(1)	-	-	-	-
Syndrome of "Infant of a Diabetic Mother"	7	1	-	1	-	1	-	-	-	1	3
Slow Fetal Growth and Fetal Malnutrition	6	3	-	1	-	-	-	1	-	-	1
Hemolytic Disease of Fetus	3	1	-	-	-	-	1	1	-	-	-
Ill-defined Conditions Originating in Perinatal Period	109	32	6	8	11	7	12	4	4	-	25

BIRTHS, DEATHS, INFANT DEATHS, FETAL DEATHS, MARRIAGES,
DIVORCES AND ANNULMENTS BY MONTH
MINNESOTA OCCURRENCES, 1979

	Births	Deaths	Infant Deaths	Fetal Deaths	Marriages	Divorces & Annulments
Total	65,764	32,656	725	465	37,020	14,761
January	5,193	2,860	68	36	1,263	1,282
February	5,048	2,422	44	26	1,527	1,010
March	5,606	2,730	74	39	1,896	1,236
April	5,386	2,622	53	39	2,489	1,231
May	5,549	2,901	63	34	3,281	1,315
June	5,256	2,590	42	47	5,789	1,192
July	5,620	2,645	60	41	3,412	1,259
August	5,923	2,670	73	45	4,340	1,436
September	5,751	2,640	62	33	4,676	1,083
October	5,651	2,920	67	39	3,307	1,357
November	5,377	2,768	57	44	2,487	1,121
December	5,404	2,888	62	42	2,548	1,235
Unknown	-	-	-	-	5	4

INFANT, NEONATAL AND POSTNEONATAL DEATHS BY CAUSE
MINNESOTA RESIDENTS, 1979

Causes of Death	Infant Deaths	Neonatal				Post-neonatal
		Total	Under 1 Day	1-6 Days	7-27 Days	
All Causes - Total	700	469	252	135	82	231
Certain conditions originating in the perinatal period	322	310	180	91	39	12
Selected respiratory conditions of fetus and newborn	60	55	34	11	10	5
Respiratory distress syndrome	57	55	22	24	9	2
Maternal conditions	52	52	45	6	1	-
Short gestation and low birth weight	51	50	46	3	1	1
Fetal and neonatal hemorrhage	33	32	5	19	8	1
Intrauterine hypoxia and birth asphyxia	25	24	12	9	3	1
Birth trauma	20	19	3	14	2	1
Congenital anomalies	154	120	62	33	25	34
Of heart	48	29	6	9	14	19
Anencephalus and similar anomalies	21	21	17	2	2	-
Of respiratory system	15	14	9	5	-	1
Chromosomal anomalies	14	11	2	7	2	3
Of urinary system	13	13	10	3	-	-
Symptoms, signs, and ill-defined conditions	122	12	2	3	7	110
Sudden infant death syndrome	114	8	1	-	7	106
Diseases of the respiratory system	25	5	-	2	3	20
Pneumonia-Influenza	11	1	-	-	1	10
Infective and parasitic diseases	17	8	3	2	3	9
Septicemia	7	5	3	2	-	2
Diseases of the nervous system and sense organs	11	1	-	1	-	10
Violent deaths	11	1	1	-	-	10
Accidental deaths	11	1	1	-	-	10
Motor vehicle	3	-	-	-	-	3
Mechanical suffocation	3	-	-	-	-	3
Diseases of circulatory system	10	2	-	2	-	8
Diseases of digestive system	8	1	-	-	1	7
Neoplasms	6	2	-	-	2	4
Malignant neoplasms	4	1	-	-	1	3
Endocrine, nutritional, and metabolic diseases	6	2	2	-	-	4
Diseases of genitourinary system	4	2	-	1	1	2
Diseases of blood and blood-forming organs	3	2	1	-	1	1
Diseases of musculoskeletal system and connective tissue	1	1	1	-	-	-

DEATHS OCCURRING IN MINNESOTA BY CAUSE AND AUTOPSY STATUS
1979

Cause of Death	Total Deaths	Autopsy Status					
		Number			Percent		
		Performed	Not Performed	Not Stated	Performed	Not Performed	Not Stated
All Causes - Total	32,656	6,391	22,311	3,954	19.6	68.3	12.1
I. Infectious and parasitic diseases	216	95	100	21	44.0	46.3	9.7
II. Neoplasms	7,018	1,037	5,051	930	14.8	72.0	13.3
III. Endocrine, nutritional, and metabolic diseases	688	118	490	80	17.2	71.2	11.6
IV. Diseases of the blood and blood-forming organs	115	34	71	10	29.6	61.7	8.7
V. Mental disorders	241	28	179	34	11.6	74.3	14.1
VI. Diseases of the nervous system and sense organs	430	71	300	59	16.5	69.8	13.7
VII. Diseases of the circulatory system	16,619	2,533	11,926	2,160	15.2	71.8	13.0
VIII. Diseases of the respiratory system	2,063	345	1,439	279	16.7	69.8	13.5
IX. Diseases of the digestive system	1,110	398	613	99	35.9	55.2	8.9
X. Diseases of the genitourinary system	388	79	262	47	20.4	67.5	12.1
XI. Complications of pregnancy, childbirth, and the puerperium	3	3	-	-	100.0	-	-
XII. Diseases of the skin and subcutaneous tissue	37	6	27	4	16.2	73.0	10.8
XIII. Diseases of the musculoskeletal system and connective tissue	107	26	71	10	24.3	66.4	9.4
XIV. Congenital anomalies	335	223	89	23	66.6	26.6	6.9
XV. Certain conditions originating in the perinatal period	327	166	131	30	50.8	40.1	9.2
XVI. Symptoms and ill-defined conditions	531	157	324	50	29.6	61.0	9.4
XVII. Accidents, poisoning, and violence	2,428	1,072	1,238	118	44.2	51.0	4.9

DEATHS DUE TO SELECTED CAUSES BY RACE
MINNESOTA RESIDENTS, 1979

	Total	White	Black	Indian	Other	Unknown
All Causes - Total	32,082	31,534	301	196	35	16
Infective - parasitic	208	201	4	3	-	-
Tuberculosis	12	12	-	-	-	-
Neoplasms - malignant	6,739	6,652	64	16	6	1
Digestive	1,983	1,951	24	5	2	1
Respiratory	1,407	1,387	14	5	1	-
Breast	614	607	7	-	-	-
Genital	811	803	6	2	-	-
Urinary	319	313	4	1	1	-
Leukemia	329	326	1	1	1	-
Diabetes mellitus	469	462	5	2	-	-
Major cardiovascular	16,450	16,269	103	58	12	8
Rheumatic	133	131	1	1	-	-
Hypertensive heart	221	217	2	1	1	-
Ischemic heart	9,388	9,291	50	34	6	7
Other heart	1,988	1,963	15	8	2	-
Hypertension	116	115	1	-	-	-
Cerebrovascular	3,309	3,275	20	12	2	-
Arteriosclerosis	651	647	2	2	-	-
Respiratory	2,048	2,018	15	14	1	-
Pneumonia	989	967	11	11	-	-
Influenza	28	28	-	-	-	-
Bronchitis	8	8	-	-	-	-
Emphysema	206	204	-	1	1	-
Asthma	47	47	-	-	-	-
Ulcer of stomach & duodenum	126	126	-	-	-	-
Hernia & intestinal obstruction	91	87	3	1	-	-
Chronic liver disease & cirrhosis	320	304	5	11	-	-
Nephritis, nephrotic syndrome & nephrosis	205	202	1	2	-	-
Kidney infections	30	29	-	1	-	-
Pregnancy, childbirth & puerperium	3	2	1	-	-	-
Congenital anomalies	246	238	4	1	3	-
Certain conditions originating in the perinatal period	323	302	16	4	1	-
Ill-defined	533	496	20	14	3	-
Other diseases	1,846	1,806	22	18	-	-
Accidents	1,861	1,801	14	32	7	7
Motor vehicle	937	910	5	17	4	1
Accidental falls	297	296	1	-	-	-
Suicide	416	402	6	6	2	-
Homicide	105	81	16	8	-	-
Other violent deaths	63	56	2	5	-	-

FIFTEEN LEADING CAUSES OF DEATH, DEATH RATES PER 100,000 POPULATION AND PERCENT OF TOTAL DEATHS, MINNESOTA RESIDENTS, 1979

Cause of Death	Number of Deaths	Death Rates	Percent of Total
Heart Disease (390-398, 402, 404-429)	11,935	294.0	37.2
Cancer (Malignant neoplasms) (140-208)	6,739	166.0	21.0
Cerebrovascular Disease (430-438)	3,309	81.5	10.3
Accidental Deaths (800-949)	1,861	45.8	5.8
Motor vehicle (810-825)	(937)	(23.1)	(2.9)
Accidental falls (880-888)	(297)	(7.3)	(0.9)
Pneumonia and Influenza (480-487)	1,017	25.0	3.2
Pneumonia (480-486)	(989)	(24.4)	(3.1)
Influenza (487)	(28)	(0.7)	(0.1)
Arteriosclerosis (440)	651	16.0	2.0
Diabetes mellitus (250)	469	11.6	1.5
Suicide (950-959)	416	10.2	1.3
Certain Conditions Originating in the Perinatal Period (760-779)	323	8.0	1.0
Chronic Liver Disease and Cirrhosis (571)	320	7.9	1.0
Bronchitis, Emphysema and Asthma (490-493)	310	7.6	1.0
Congenital anomalies (740-759)	246	6.1	0.8
Nephritis, Nephrotic syndrome, and Nephrosis (580-589)	205	5.0	0.6
Ulcer of Stomach and Duodenum (531-533)	122	3.0	0.4
Homicide (960-978)	105	2.6	0.3
All other causes	4,054	99.9	12.6
Total - all causes	32,082	790.2	100.0

LEADING CAUSES OF DEATH BY SELECTED AGE GROUPS
MINNESOTA RESIDENTS, 1979

	No. of Deaths	Per-cent
1-4 Years		
Total, all causes	132	100.0
Accidental deaths	48	36.4
Motor vehicle	(9)	(6.8)
Congenital anomalies	19	14.4
Malignant neoplasms	18	13.6
Diseases of respiratory system	13	9.8
Diseases of the nervous system and sense organs	8	6.1
Diseases of the heart	6	4.5
5-9 Years		
Total, all causes	111	100.0
Accidental deaths	62	55.9
Motor vehicle	(29)	(26.1)
Malignant neoplasms	12	10.8
Diseases of the nervous system and sense organs	7	6.3
Congenital anomalies	6	5.4
Diseases of the heart	5	4.5
10-14 Years		
Total, all causes	100	100.0
Accidental deaths	48	48.0
Motor vehicle	(27)	(27.0)
Malignant neoplasms	16	16.0
Congenital anomalies	8	8.0
Diseases of the nervous system and sense organs	7	7.0
Homicide	4	4.0
15-19 Years		
Total, all causes	400	100.0
Accidental deaths	276	69.0
Motor vehicle	(215)	(53.8)
Suicide	43	10.8
Malignant neoplasms	26	6.5
Homicide	12	3.0
Diseases of the heart	11	2.8
20-34 Years		
Total, all causes	1,021	100.0
Accidental deaths	498	48.8
Motor vehicle	(341)	(33.4)
Suicide	145	14.2
Malignant neoplasms	99	9.7
Homicide	50	4.9
Diseases of the heart	49	4.8
Injuries undetermined	29	2.8

	No. of Deaths	Per-cent
35-49 Years		
Total, all causes	1,284	100.0
Malignant neoplasms	382	29.8
Diseases of the heart	346	26.9
Accidental deaths	177	13.8
Motor vehicle	(101)	(7.9)
Suicide	80	6.2
Chronic liver disease and cirrhosis	48	3.7
Cerebrovascular disease	45	3.5
50-64 Years		
Total, all causes	5,067	100.0
Diseases of the heart	1,866	36.8
Malignant neoplasms	1,706	33.7
Accidental deaths	228	4.5
Motor vehicle	(92)	(1.8)
Cerebrovascular disease	226	4.5
Chronic liver disease and cirrhosis	130	2.6
Diabetes	89	1.8
65-74 Years		
Total, all causes	6,757	100.0
Diseases of the heart	2,760	40.8
Malignant neoplasms	1,904	28.2
Cerebrovascular disease	523	7.7
Accidental deaths	159	2.4
Motor vehicle	(60)	(0.9)
Pneumonia and influenza	106	1.6
Diabetes	101	1.5
75 Years and Over		
Total, all causes	16,506	100.0
Diseases of the heart	6,883	41.7
Malignant neoplasms	2,571	15.6
Cerebrovascular disease	2,495	15.1
Pneumonia and influenza	816	4.9
Arteriosclerosis	577	3.5
Accidental deaths	354	2.1
Motor vehicle	(60)	(0.4)
Diseases of the genito-urinary system	267	1.6
Diabetes	251	1.5

DEATHS FROM SELECTED CAUSES BY AGE GROUP AND SEX
MINNESOTA RESIDENTS, 1979

9th Revision No.	Cause of Death and Sex		Total	Under 1 Year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 and Over
	ALL CAUSES, Total		32,082†	700*	132	111	100	400	402	357	262	288	393	603	1,098	1,592	2,377	3,061	3,696	4,331	4,851	7,324
	Male		17,563**	398	76	63	59	296	303	257	178	164	247	383	705	1,024	1,551	1,985	2,242	2,377	2,363	2,888
	Female		14,518	301	56	48	41	104	99	100	84	124	146	220	393	568	826	1,076	1,454	1,954	2,488	4,436
000-139	I. INFECTIOUS AND PARASITIC DISEASES	T	208	17	3	1	1	1	3	2	5	3	1	4	9	10	17	20	23	17	25	44
		M	109	11	-	-	1	1	1	1	2	1	2	1	6	2	9	14	14	10	13	20
		F	99	6	3	1	-	-	2	1	1	2	1	3	3	8	8	6	9	7	12	24
001-009	Intestinal Infectious Diseases	T	9	3	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	1	2
		M	6	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	1	-
		F	3	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
004	Shigellosis	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
010-018, 137	Tuberculosis (including late effects of)	T	13	-	-	-	-	-	-	1	-	-	-	-	1	2	2	2	2	-	1	2
		M	4	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	-	1
		F	9	-	-	-	-	-	-	1	-	-	-	-	1	1	1	1	2	-	1	1
010-012	Respiratory Tuberculosis (Active)	T	12	-	-	-	-	-	-	1	-	-	-	-	1	2	2	2	1	-	1	2
		M	4	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	-	1
		F	8	-	-	-	-	-	-	1	-	-	-	-	1	1	1	1	1	-	1	1
013-018	Other Tuberculosis (Active)	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
137	Late Effects of Tuberculosis	T	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
032	Diphtheria	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
033	Whooping Cough	T	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
034-035	Streptococcal Sore Throat, Scarlatina, and Erysipelas	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
036	Meningococcal Infection	T	2	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-
		M	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
		F	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
037	Tetanus	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
038	Septicemia	T	102	7	-	-	-	-	-	1	2	-	-	3	2	4	9	11	11	11	14	23
		M	51	4	-	-	-	-	-	1	1	-	-	-	2	-	4	6	7	6	8	12
		F	51	3	-	-	-	-	-	-	1	-	-	3	-	4	5	5	4	5	6	11
045	Acute Poliomyelitis	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
055	Measles	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
062-064	Viral Encephalitis (Acute)	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
070	Viral Hepatitis	T	5	1	-	-	-	-	-	-	1	2	-	-	1	-	-	-	-	-	-	-
		M	3	1	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-
		F	2	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-
090-097	Syphilis	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Residual	Other Infectious and Parasitic Diseases	T	76	5	3	1	1	1	3	-	2	1	3	1	4	4	4	7	8	6	7	15
		M	44	4	-	-	1	1	1	-	-	1	2	1	3	1	2	7	5	4	4	7
		F	32	1	3	1	-	-	2	-	2	-	1	-	1	3	2	-	3	2	3	8
140-239	II. NEOPLASMS	T	6,816**	6	18	13	16	26	22	33	49	73	102	211	373	583	764	921	1,006	914	879	806
		M	3,651**	3	8	6	10	17	9	14	20	28	45	96	179	301	429	546	595	519	453	372
		F	3,165	3	10	7	6	9	13	19	29	45	57	115	194	282	335	375	411	395	426	434
140-208	Malignant Neoplasms	T	6,739**	4	18	12	16	26	21	31	47	72	102	208	368	575	763	913	991	905	867	799
		M	3,610**	2	8	5	10	17	8	14	18	27	45	94	178	297	428	541	586	513	448	370
		F	3,129	2	10	7	6	9	13	17	29	45	57	114	190	278	335	372	405	392	419	429
140-149	Of Lip, Oral Cavity and Pharynx	T	91	-	-	-	-	-	-	-	1	1	1	2	7	13	14	13	17	7	6	9
		M	58	-	-	-	-	-	-	-	1	1	1	2	3	10	11	10	11	4	3	1
		F	33	-	-	-	-	-	-	-	-	-	-	-	4	3	3	3	6	3	3	8
150-159	Of Digestive Organs and Peritoneum	T	1,983	-	-	1	-	-	2	4	7	10	16	43	78	161	203	247	308	294	300	309
		M	1,056	-	-	-	-	-	-	1	4	4	9	26	50	91	115	148	179	149	137	143
		F	927	-	-	1	-	-	2	3	3	6	7	17	28	70	88	99	129	145	163	166
150	Of Esophagus	T	115	-	-	-	-	-	-	-	-	-	-	1	4	7	15	10	20	13	13	12	20
		M	84	-	-	-	-	-	-	-	-	-	-	1	3	6	10	10	18	9	7	10	10
		F	31	-	-	-	-	-	-	-	-	-	-	-	1	1	5	-	2	4	6	2	10

DEATHS FROM SELECTED CAUSES BY AGE GROUP AND SEX
MINNESOTA RESIDENTS, 1979

9th Revision No.	Cause of Death and Sex		Total	Under 1 Year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 and Over
151	Of Stomach	T	280	-	-	-	-	-	1	1	2	1	-	4	14	22	24	33	42	43	44	49
		M	178	-	-	-	-	-	-	-	2	-	-	4	13	13	15	22	28	26	29	26
		F	102	-	-	-	-	-	1	1	-	1	-	-	1	9	9	11	14	17	15	23
152	Of Small Intestine, Including Duodenum	T	16	-	-	-	-	-	-	-	-	-	-	-	1	4	1	1	2	4	-	3
		M	5	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	2
		F	11	-	-	-	-	-	-	-	-	-	-	-	1	4	-	1	1	3	-	1
153	Of Colon	T	794	-	-	-	-	-	-	1	4	5	10	21	28	66	83	85	126	116	120	122
		M	405	-	-	-	-	-	-	1	1	2	6	10	17	43	43	47	69	48	56	62
		F	389	-	-	-	-	-	-	2	3	3	4	11	11	23	40	38	57	68	64	65
154	Of Rectum, Rectosigmoid Junction and Anus	T	138	-	-	-	-	-	-	-	1	-	1	4	5	5	14	21	21	15	27	24
		M	79	-	-	-	-	-	-	-	1	-	1	2	1	2	8	16	13	12	12	11
		F	59	-	-	-	-	-	-	-	-	-	-	2	4	3	6	5	8	∞3	15	13
160-165	Of Respiratory System	T	1,407	-	-	-	-	-	2	2	3	7	20	52	104	166	223	255	223	189	108	53
		M	1,047	-	-	-	-	-	1	1	1	4	13	37	72	120	163	205	178	149	76	27
		F	360	-	-	-	-	-	1	1	2	3	7	15	32	46	60	50	45	40	32	26
162	Of Trachea, Bronchus and Lung	T	1,343	-	-	-	-	-	1	-	2	7	18	47	100	158	214	248	215	184	100	49
		M	1,004	-	-	-	-	-	-	-	-	4	13	34	68	114	156	200	173	146	71	25
		F	339	-	-	-	-	-	1	-	2	3	5	13	32	44	58	48	42	38	29	24
170-175	Of Bone, Connective Tissue, Skin and Breast	T	763	-	1	1	-	2	3	3	16	21	14	48	79	73	74	96	93	69	77	73
		M	74	-	-	1	-	1	1	1	3	1	3	4	5	5	6	12	7	10	7	7
		F	689	-	1	-	-	1	2	2	13	20	31	44	74	68	68	84	86	59	70	66
172-173	Of Skin	T	86	-	-	-	-	-	2	-	4	4	5	4	7	3	8	12	6	10	8	13
		M	39	-	-	-	-	-	1	-	2	-	3	3	3	-	6	6	3	5	3	4
		F	47	-	-	-	-	-	1	-	2	4	2	1	4	3	2	6	3	5	5	9
174-175	Of Breast	T	614	-	-	-	-	-	1	1	10	15	29	42	67	63	61	74	78	52	64	57
		M	6	-	-	-	-	-	-	-	1	-	-	-	-	1	-	1	-	1	2	-
		F	608	-	-	-	-	-	1	1	9	15	29	42	67	62	61	73	78	51	62	57
179-189	Of Genitourinary Organs	T	1,130	1	-	2	-	-	1	4	8	12	10	15	35	78	94	140	165	163	193	209
		M	664	-	-	-	-	-	1	1	2	4	3	2	14	24	49	78	106	109	134	137
		F	466	1	-	2	-	-	-	3	6	8	7	13	21	54	45	62	59	54	59	72
179-182	Of Uterus, Cervix and Placenta	T	148	-	-	-	-	-	-	1	6	4	1	4	4	16	18	22	21	11	23	17
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	148	-	-	-	-	-	-	1	6	4	1	4	4	16	18	22	21	11	23	17
185	Of Prostate	T	430	-	-	-	-	-	-	-	-	-	-	-	4	9	24	48	67	78	97	103
		M	430	-	-	-	-	-	-	-	-	-	-	-	4	9	24	48	67	78	97	103
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
190-199	Of Other and Unspecified Sites	T	606**	1	9	4	7	8	5	4	2	9	11	25	24	44	88	73	79	84	72	56
		M	306**	1	4	1	5	6	2	3	1	4	10	14	13	23	47	36	49	39	32	15
		F	300	-	5	3	2	2	3	1	1	5	1	11	11	21	41	37	30	45	40	41
191-192	Of Brain and Other Parts of Central Nervous System	T	216**	1	4	3	6	6	3	4	2	6	7	14	14	21	34	30	22	17	16	5
		M	119**	1	2	1	4	5	2	3	1	1	7	9	8	12	17	16	12	9	6	-
		F	97	-	2	2	2	1	1	1	1	1	-	5	6	9	17	14	10	8	10	5
200-208	Of Lymphatic and Hematopoietic Tissue	T	759	2	8	4	9	16	8	14	10	12	10	23	41	40	67	89	106	99	111	90
		M	405	1	4	3	5	10	3	7	6	9	6	9	21	24	37	52	56	53	59	40
		F	354	1	4	1	4	6	5	7	4	3	4	14	20	16	30	37	50	46	52	50
201	Hodgkin's Disease	T	43	-	-	1	-	2	1	2	4	-	2	5	3	-	2	5	7	2	4	3
		M	16	-	-	1	-	1	-	1	2	-	-	-	2	-	2	2	2	-	1	-
		F	27	-	-	-	-	1	1	1	2	-	2	5	1	-	-	3	5	2	1	3
204-208	Leukemia	T	329	2	7	3	6	13	5	7	6	12	6	9	13	14	27	31	48	37	44	39
		M	184	1	3	2	2	8	2	3	6	9	5	4	6	12	11	21	27	18	25	21
		F	145	1	4	1	4	5	3	4	2	3	1	5	7	2	16	10	21	19	19	18
210-239	Benign Neoplasms and Neoplasms of Uncertain Behavior	T	77	2	-	1	-	-	1	2	2	1	-	3	5	8	1	8	15	9	12	7
		M	41	1	-	1	-	-	1	-	2	1	-	2	1	4	1	5	9	6	5	2
		F	36	1	-	-	-	-	-	2	-	-	-	1	4	4	-	3	6	3	7	5
240-279	III. ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	T	665	6	3	4	1	3	4	9	5	10	7	13	26	32	58	69	64	96	112	143
		M	293	3	3	1	1	1	2	3	2	3	5	12	18	19	24	16	23	38	49	50
		F	372	3	-	3	-	2	2	6	3	7	2	1	8	13	34	33	41	58	63	93
250	Diabetes Mellitus	T	469	-	-	2	-	-	1	3	1	9	2	10	19	24	46	55	46	79	38	84
		M	195	-	-	-	-	-	-	1	-	3	1	9	13	15	19	27	16	28	38	25
		F	274	-	-	2	-	-	1	2	1	6	1	1	6	9	27	28	30	51	50	59
260-269	Nutritional Deficiencies	T	58	1	1	-	-	-	-	-	-	-	-	-	-	1	2	5	3	5	10	29
		M	25	1	1	-	-	-	-	-	-	-	-	-	-	1	-	4	-	1	5	12
		F	33	-	-	-	-	-	-	-	-	-	-	-	-	1	2	1	3	4	5	17
Residual	(240-249, 251-259, 270-279)	T	138	5	2	2	1	3	3	6	4	1	5	3	7	6	10	9	15	12	14	10
		M	73	2	2	1	1	1	2	2	2	-	4	3	5	3	5	5	7	9	6	13
		F	65	3	-	1	-	2	1	4	2	1	1	-	2	3	5	4	8	3	8	17
280-289	IV. DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS	T	102	3	-	2	2	-	-	1	1	1	-	-	2	7	7	4	8	21	17	26
		M	49	-	-	1	-	-	-	1	1	1	-	-	1	3	4	3	4	10	8	12
		F	53	3	-	1	2	-	-	-	-	-	-	-	1	4	3	1	4	11	9	14
280-285	Anemias	T	54	2	-	1	2	-	-	-	-	1	-	-	1	-	1	2	3	10	9	22
		M	24	-	-	1	-	-	-	-	-	1	-	-	-	-	-	2	1	4	4	11
		F	30	2	-	-	2	-	-	-	-	-	-	-	1	-	1	-	2	6	5	11
Residual	(286-289)	T	48	1	-	1	-	-	-	1	1	-	-	-	1	7	6	2	5	11	8	4
		M	25	-	-	-	-	-	-	1	1	-	-	-	1	3	4	1	3	6	4	1
		F	23	1	-	1	-	-	-	-	-	-	-	-	-	4	2	1	2	5	4	3
290-319	V. MENTAL DISORDERS	T	234	-	1	-	-	-	1	-	2	-	1	8	6	10	11	9	17	32	47	89
		M	94	-	-	-	-	-	1	-	2	-	-	8	4	5	7	5	10	13	15	24
		F	140	-	1	-	-	-	-	-	-	-	1	-	2	5	4	4	7	19	32	65

DEATHS FROM SELECTED CAUSES BY AGE GROUP AND SEX
MINNESOTA RESIDENTS, 1979

9th Revision No.	Cause of Death and Sex		Total	Under 1 Year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 and Over
320-389	VI. DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS	T	427	11	8	7	7	4	10	7	7	2	8	11	18	22	37	50	44	71	57	46
		M	229	9	6	4	6	4	7	3	4	2	4	7	12	11	24	33	24	25	29	15
		F	198	2	2	3	1	-	3	4	3	-	4	4	6	11	13	17	20	46	28	31
320-322	Meningitis (Excludes Infective Meningitis)	T	16	3	3	1	2	-	-	-	-	-	-	-	-	2	1	-	-	1	2	1
		M	8	2	2	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-
		F	8	1	1	-	1	-	-	-	-	-	-	-	-	2	-	-	-	1	1	1
332	Parkinson's Disease	T	114	-	-	-	-	-	-	-	-	-	-	-	-	-	7	12	17	32	28	18
		M	53	-	-	-	-	-	-	-	-	-	-	-	-	-	4	9	10	12	12	6
		F	61	-	-	-	-	-	-	-	-	-	-	-	-	-	3	3	7	20	16	12
340	Multiple Sclerosis	T	30	-	-	-	-	1	-	-	3	1	2	2	3	4	8	4	-	2	-	-
		M	17	-	-	-	-	1	-	-	2	1	1	-	-	2	7	3	-	-	-	-
		F	13	-	-	-	-	-	-	-	1	-	1	2	3	2	1	1	-	2	-	-
Residual	(323-331, 333-339, 341-389)	T	267	8	5	6	5	3	10	7	4	1	6	9	15	16	21	34	27	36	27	27
		M	151	7	4	3	3	3	7	3	2	1	3	7	12	9	12	21	14	13	16	9
		F	116	1	1	3	-	-	3	4	2	-	3	2	3	7	9	13	13	23	11	18
390-459	VII. DISEASES OF THE CIRCULATORY SYSTEM	T	16,450**	10	7	5	4	15	17	15	30	65	121	217	433	666	1,087	1,508	1,984	2,516	2,917	4,832
		M	8,776**	6	3	3	2	8	9	9	26	43	92	161	335	507	798	1,036	1,227	1,360	1,375	1,775
		F	7,674	4	4	2	2	7	8	6	4	22	29	56	98	159	289	472	757	1,156	1,542	3,057
390-398, 402, 404-429	Diseases of the Heart	T	11,935	6	6	5	3	11	13	13	23	47	103	196	377	567	922	1,234	1,526	1,816	1,974	3,095
		M	6,775	3	2	3	1	5	8	7	21	34	81	151	304	447	697	875	961	1,013	971	1,189
		F	5,160	3	4	2	2	6	5	6	2	13	20	45	73	120	225	359	565	801	1,003	1,906
390-398	Acute Rheumatic Fever and Chronic Rheumatic Heart Disease	T	133	-	-	-	-	2	-	-	2	1	4	3	6	8	9	14	26	14	23	21
		M	46	-	-	-	-	-	-	-	2	1	-	1	4	4	3	4	6	6	8	7
		F	87	-	-	-	-	2	-	-	-	-	4	2	2	4	6	10	20	8	15	14
402, 404	Hypertensive Heart With or Without Renal Disease	T	221	-	-	-	-	-	-	-	1	-	2	-	5	8	17	31	23	45	33	56
		M	101	-	-	-	-	-	-	-	1	-	2	-	4	6	15	19	13	21	8	12
		F	120	-	-	-	-	-	-	-	-	-	-	-	1	2	2	12	10	24	25	44
410-414	Ischemic Heart Disease	T	9,388	-	-	-	-	-	5	3	15	33	78	168	323	481	761	1,019	1,273	1,433	1,522	2,276
		M	5,541	-	-	-	-	-	5	1	12	28	69	138	267	387	585	743	814	806	780	906
		F	3,847	-	-	-	-	-	-	2	3	5	9	30	56	94	176	276	459	627	742	1,370
410	Acute Myocardial Infarction	T	4,847	-	-	-	-	-	2	2	5	20	50	106	205	297	479	609	733	761	782	796
		M	3,042	-	-	-	-	-	2	1	4	17	41	86	172	235	371	446	480	434	403	350
		F	1,805	-	-	-	-	-	-	1	1	3	9	20	33	62	108	163	253	327	379	446
411	Other Acute and Subacute Forms	T	50	-	-	-	-	-	-	-	-	-	-	1	3	4	3	8	4	10	7	10
		M	31	-	-	-	-	-	-	-	-	-	-	1	2	3	3	5	2	5	4	6
		F	19	-	-	-	-	-	-	-	-	-	-	-	1	1	-	3	2	5	3	4
412	Old Myocardial Infarction	T	25	-	-	-	-	-	-	-	-	-	1	-	-	3	2	1	3	8	2	5
		M	15	-	-	-	-	-	-	-	-	-	1	-	-	2	2	1	2	4	1	2
		F	10	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	4	1	3
413	Angina Pectoris	T	6	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	1	1	-	-
		M	4	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	2	-	-
		F	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-
414	Chronic Ischemic Heart Disease	T	4,460	-	-	-	-	-	3	3	7	13	27	61	115	177	276	401	532	651	731	1,465
		M	2,449	-	-	-	-	-	3	-	7	11	27	51	93	147	209	291	329	361	372	548
		F	2,011	-	-	-	-	-	-	1	-	2	-	10	22	30	67	110	203	290	359	917
415-416	Pulmonary Heart Disease	T	205	-	-	1	-	1	2	2	-	3	2	7	4	7	19	16	28	29	36	46
		M	107	-	-	-	-	1	-	1	-	-	-	3	4	5	10	8	20	20	14	21
		F	98	-	-	1	-	2	2	1	-	3	2	4	-	2	9	8	8	9	22	25
420-429	Other Forms of Heart Disease	T	1,988	6	6	4	3	6	6	8	7	10	17	18	39	63	116	154	176	293	360	696
		M	980	3	2	3	1	4	3	5	6	5	12	9	25	45	84	101	108	160	161	243
		F	1,008	3	4	1	2	2	3	3	1	5	5	9	14	18	32	53	68	133	199	453
401, 403	Hypertensive Disease (without Mention of Heart Disease)	T	116	-	-	-	-	-	-	-	-	1	-	-	1	3	5	9	16	20	18	43
		M	55	-	-	-	-	-	-	-	-	-	-	-	-	3	3	4	8	8	11	18
		F	61	-	-	-	-	-	-	-	-	1	-	-	1	-	2	5	8	12	7	25
430-438	Cerebrovascular Disease	T	3,309**	4	1	-	1	3	3	1	6	14	14	17	44	72	110	186	337	556	704	1,235
		M	1,425**	3	1	-	1	2	1	1	4	8	8	9	22	41	64	107	183	265	288	416
		F	1,884	1	-	-	-	1	2	-	2	6	6	8	22	31	46	79	154	291	416	819
431	Cerebral Hemorrhage	T	155	1	-	-	-	1	1	-	2	1	3	3	19	15	26	42	59	51	59	70
		M	163	1	-	-	-	1	-	-	1	3	2	2	11	8	14	22	27	22	23	26
		F	192	-	-	-	-	-	1	-	1	-	1	1	8	7	12	20	32	29	36	44
434	Occlusion of Cerebral Arteries	T	563**	-	1	-	-	-	-	-	-	-	-	2	2	11	16	33	48	115	132	202
		M	265**	-	1	-	-	-	-	-	-	-	-	-	2	6	9	21	28	64	58	75
		F	298	-	-	-	-	-	-	-	-	-	-	2	-	5	7	12	20	51	74	127
440-448	Diseases of the Arteries, Arterioles and Capillaries	T	1,009	-	-	-	-	1	-	1	1	3	3	3	9	17	42	73	92	117	205	442
		M	482	-	-	-	-	1	-	1	1	1	1	1	8	12	27	46	69	68	97	149
		F	527	-	-	-	-	-	-	-	-	2	2	2	1	5	15	27	23	49	108	293
440	Arteriosclerosis	T	651	-	-	-	-	-	-	1	-	-	-	-	2	6	7	20	38	61	133	383
		M	255	-	-	-	-	-	-	1	-	-	-	-	2	5	5	10	25	27	58	122
		F	396	-	-	-	-	-	-	-	-	-	-	-	-	1	2	10	13	34	75	261
451-459	Diseases of Veins and Lymphatics and Other Diseases of Circulatory System	T	81	-	-	-	-	-	1	-	-	-	1	1	2	7	8	6	13	9	16	17
		M	39	-	-	-	-	-	-	-	-	-	-	-	1	4	7	4	6	6	8	3
		F	42	-	-	-	-	-	1	-	-	-	1	1	1	3	1	2	7	3	8	14
451	Phlebitis and Thrombophlebitis	T	31	-	-	-	-	-	-	-	-	-	1	-	-	3	4	3	4	6	5	5
		M	15	-	-	-	-	-	-	-	-	-	-	-	-	1	3	1	3	3	3	1
		F	16	-	-	-	-	-	-	-	-	-	1	-	-	2	1	2	1	3	2	4

DEATHS FROM SELECTED CAUSES BY AGE GROUP AND SEX
MINNESOTA RESIDENTS, 1979

9th Revision No.	Cause of Death and Sex		Total	Under 1 Year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 and Over
460-519	VIII. DISEASES OF THE RESPIRATORY SYSTEM	T	2,048	25	13	4	2	4	7	9	9	9	13	13	32	54	120	167	235	285	375	672
		M	1,222	14	6	2	2	2	5	7	5	6	4	7	19	39	79	117	163	191	211	343
		F	826	11	7	2	-	2	2	2	4	3	9	6	13	15	41	50	72	94	164	329
466	Acute Bronchitis and Bronchiolitis	T	8	-	4	-	-	-	-	-	-	-	-	-	1	-	-	-	1	1	-	1
		M	3	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	1
		F	5	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
480-487	Pneumonia and Influenza	T	1,017	11	2	4	2	2	4	3	3	2	7	5	12	15	23	38	68	116	213	487
		M	510	6	-	2	2	2	4	2	1	2	1	2	7	10	13	19	43	71	102	221
		F	507	5	2	2	-	-	-	1	2	-	6	3	5	5	10	19	25	45	111	266
480-486	Pneumonia	T	989	10	2	4	2	2	4	3	3	2	7	5	11	15	23	37	64	114	208	473
		M	499	5	-	2	2	2	4	2	1	2	1	2	6	10	13	19	42	70	99	217
		F	490	5	2	2	-	-	-	1	2	-	6	3	5	5	10	18	22	44	109	256
487	Influenza	T	28	1	-	-	-	-	-	-	-	-	-	-	1	-	-	1	4	2	5	14
		M	11	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	1	3	4
		F	17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	1	2	10
490-491	Bronchitis, Chronic and Unspecified	T	57	2	1	-	-	-	1	-	-	-	-	1	-	1	4	9	6	11	9	12
		M	35	1	-	-	-	-	-	-	-	-	-	-	-	1	1	7	4	7	5	9
		F	22	1	1	-	-	-	1	-	-	-	-	1	-	-	3	2	2	4	4	3
492	Emphysema	T	206	-	-	-	-	-	-	-	-	-	1	1	4	8	29	31	39	39	28	26
		M	172	-	-	-	-	-	-	-	-	-	1	1	2	6	20	27	32	35	25	23
		F	34	-	-	-	-	-	-	-	-	-	-	-	2	2	9	4	7	4	3	3
493	Asthma	T	47	-	-	-	-	1	-	1	-	-	1	1	1	2	4	9	11	4	5	7
		M	27	-	-	-	-	-	-	-	-	-	-	-	1	2	3	4	7	2	3	5
		F	20	-	-	-	-	1	-	1	-	-	1	1	-	-	1	5	4	2	2	2
Residual	(460-465, 467-469, 494-519)	T	713	12	6	-	-	1	2	5	6	7	4	5	14	28	60	80	110	114	120	139
		M	475	7	6	-	-	-	1	5	4	4	2	4	8	20	42	60	77	75	76	84
		F	238	5	-	-	-	1	1	-	2	3	2	1	6	8	18	20	33	39	44	55
520-579	IX. DISEASES OF THE DIGESTIVE SYSTEM	T	1,071	8	3	1	1	2	-	8	10	19	25	36	58	63	115	137	107	124	126	228
		M	574	4	-	-	-	1	-	4	6	10	19	24	40	38	70	86	51	70	71	80
		F	497	4	3	1	1	1	-	4	4	9	6	12	18	25	45	51	56	54	55	148
531-533	Ulcer of the Stomach and Duodenum	T	122	1	-	-	-	1	-	2	1	1	2	-	-	8	12	17	12	18	14	33
		M	63	-	-	-	-	-	-	-	-	-	1	-	-	5	6	8	6	14	10	13
		F	59	1	-	-	-	1	-	2	1	1	1	-	-	3	6	9	6	4	4	20
540-543	Appendicitis	T	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	3	1	1
		M	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1	1	1
		F	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-
550-553, 560	Hernia and Other Obstruction	T	91	4	-	-	-	-	-	1	-	-	1	1	-	1	7	4	10	10	22	30
		M	42	2	-	-	-	-	-	1	-	-	-	1	-	1	3	2	4	6	12	10
		F	49	2	-	-	-	-	-	-	-	-	1	-	-	-	4	2	6	4	10	20
571	Chronic Liver Disease and Cirrhosis	T	320	-	1	1	1	-	-	3	8	12	13	23	41	37	52	57	33	21	11	6
		M	208	-	-	-	-	-	-	1	5	5	11	13	28	25	38	39	21	11	6	5
		F	112	-	1	1	1	-	-	2	3	7	2	10	13	12	14	18	12	10	5	1
574-576	Cholelithiasis and Other Disorders of Gallbladder and Biliary Tract	T	77	-	-	-	-	-	-	1	-	-	-	-	1	-	5	6	9	7	13	35
		M	39	-	-	-	-	-	-	1	-	-	-	-	1	-	3	3	4	6	7	14
		F	38	-	-	-	-	-	-	-	-	-	-	-	-	-	2	3	5	1	6	21
Residual	(520-530, 534-539, 544-549, 554-559, 561-570, 572-573, 577-579)	T	452	3	2	-	-	1	-	1	1	6	9	12	16	17	39	53	39	65	65	123
		M	216	2	-	-	-	1	-	1	1	5	7	10	11	7	20	34	13	32	35	37
		F	236	1	2	-	-	-	-	-	-	1	2	2	5	10	19	19	26	33	30	86
580-629	X. DISEASES OF THE GENITOURINARY SYSTEM	T	374	4	-	-	1	2	1	2	1	1	2	2	6	5	13	26	41	47	82	138
		M	199	2	-	-	1	1	-	1	-	1	-	1	4	-	4	16	21	24	44	79
		F	175	2	-	-	-	1	1	1	1	-	2	1	2	5	9	10	20	23	38	59
580-589	Nephritis, Nephrotic Syndrome and Nephrosis	T	205	3	-	-	1	2	1	1	1	-	1	-	5	4	6	19	27	29	35	70
		M	107	2	-	-	1	1	-	1	-	-	-	-	3	-	2	12	13	15	21	36
		F	98	1	-	-	-	1	1	-	1	-	1	-	2	4	4	7	14	14	14	34
590	Infections of the Kidney	T	30	-	-	-	-	-	-	-	-	-	-	1	-	1	2	1	5	2	9	9
		M	15	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	2	2	5	4
		F	15	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	3	-	4	5
600	Hyperplasia of the Prostate	T	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	2	9
		M	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	2	9
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Residual	(591-599, 601-629)	T	126	1	-	-	-	-	-	1	-	1	1	1	1	-	3	5	8	16	36	50
		M	64	-	-	-	-	-	-	-	-	1	-	1	1	-	1	2	5	7	16	30
		F	62	1	-	-	-	-	-	1	-	-	1	-	-	-	4	3	3	9	20	20
630-676	XI. COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM	T	3	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	3	-	-	-	-	-	2	1	-	-	-	-	-	-	-	-	-	-	-	-
630-639	Pregnancy with Abortive Outcome	T	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
640-648	Complications of Pregnancy	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Residual	(649-676)	T	2	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	2	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-

DEATHS FROM SELECTED CAUSES BY AGE GROUP AND SEX
MINNESOTA RESIDENTS, 1979

9th Revision No.	Cause of Death and Sex		Total	Under 1 Year	1 to 4	5 to 9	10 to 14	15 to 19	20 to 24	25 to 29	30 to 34	35 to 39	40 to 44	45 to 49	50 to 54	55 to 59	60 to 64	65 to 69	70 to 74	75 to 79	80 to 84	85 and Over
680-709	XII. DISEASES OF THE SKIN AND SUBCUTANEOUS TISSUE	T	36	-	-	-	-	-	-	-	-	-	-	-	1	1	2	4	2	7	7	12
		M	10	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	2	-	4
		F	26	-	-	-	-	-	-	-	-	-	-	-	1	1	-	2	2	5	7	8
710-739	XIII. DISEASES OF THE MUSCULOSKELETAL SYSTEM AND CONNECTIVE TISSUE	T	101	1	1	-	-	-	-	1	1	1	4	1	4	5	5	9	12	20	19	17
		M	38	-	1	-	-	-	-	-	-	1	1	1	-	2	3	5	7	7	6	4
		F	63	1	-	-	-	-	-	1	1	-	3	-	4	3	2	4	5	13	13	13
740-759	XIV. CONGENITAL ANOMALIES	T	246	154	19	6	8	4	3	3	5	3	1	1	4	5	4	5	9	6	3	3
		M	145	91	14	3	5	4	1	3	5	1	1	-	1	2	2	-	5	5	-	2
		F	101	63	5	3	3	-	2	-	-	2	-	1	3	3	2	5	4	1	3	1
760-779	XV. CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD[1]	T	323*	322*	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
		M	172	172	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	150	149	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
780-799	XVI. SYMPTOMS, SIGNS AND ILL-DEFINED CONDITIONS	T	533**	122	3	4	1	3	6	3	3	3	2	5	16	25	26	34	41	54	72	109
		M	277**	75	1	4	-	1	4	3	1	1	1	2	9	17	14	21	25	24	37	36
		F	256	47	2	-	1	2	2	-	2	2	1	3	7	8	12	13	16	30	35	73
E800-E999	XVII. ACCIDENTS, POISONINGS, AND VIOLENCE	T	2,445**	11	53	64	56	336	326	263	133	98	104	81	110	104	111	98	103	121	113	159
		M	1,725**	8	34	39	31	256	264	208	104	66	73	63	77	78	82	65	73	79	52	72
		F	720	3	19	25	25	80	62	55	29	32	31	18	33	26	29	33	30	42	61	87
E800-E949	Accidents--Total	T	1,861	11	48	62	48	276	237	179	82	63	61	53	70	71	87	66	93	106	104	144
		M	1,299	8	31	38	30	211	194	139	67	43	42	41	52	58	64	46	64	66	45	60
		F	562	3	17	24	18	65	43	40	15	20	19	12	18	13	23	20	29	40	59	84
E810-E825	Motor Vehicle Accidents	T	937	3	9	29	27	215	177	115	49	42	38	21	29	31	32	27	33	26	22	12
		M	682	1	6	17	16	158	146	83	40	27	25	15	23	24	22	20	20	19	10	10
		F	255	2	3	12	11	57	31	32	9	15	13	6	6	7	10	7	13	7	12	2
Residual	Other Accidents (800-809, 826-949)	T	924	8	39	33	21	61	60	64	33	21	23	32	41	40	55	39	60	80	82	132
		M	617	7	25	21	14	53	48	56	27	16	17	26	29	34	42	26	44	47	35	50
		F	307	1	14	12	7	8	12	8	6	5	6	6	12	6	13	13	16	33	47	82
E950-E959	Suicide and Self-Inflicted Injury	T	416	-	-	-	3	43	62	51	32	25	33	22	34	28	19	26	10	10	6	12
		M	314	-	-	-	-	35	53	42	21	16	23	18	19	18	15	19	9	10	6	10
		F	102	-	-	-	3	8	9	9	11	9	10	4	15	10	4	7	1	-	-	2
E960-E969	Homicide and Injury Purposely Inflicted by Other Persons	T	105**	-	1	2	4	12	20	19	11	5	8	3	3	1	3	5	-	4	2	1
		M	71**	-	1	1	1	6	13	17	10	3	6	3	3	1	3	-	-	2	-	-
		F	34	-	-	1	3	6	7	2	1	2	2	-	-	-	-	5	-	2	2	1
E970-E978	Legal Intervention	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
E980-E989	Injury Undetermined Whether Accidentally or Purposely Inflicted	T	63	-	4	-	1	5	7	14	8	5	2	3	3	4	2	1	-	1	1	2
		M	41	-	2	-	-	4	4	10	6	4	2	1	3	1	-	-	-	1	1	2
		F	22	-	2	-	1	1	3	4	2	1	-	2	-	3	2	1	-	-	-	-
E990-E999	Injury Resulting from Operations of War	T	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

+ Includes age and/or sex unknown

* Includes sex unknown

** Includes age unknown

[1] For further detail on perinatal mortality see page 24.

DEATHS BY COUNTY OF OCCURRENCE DISTRIBUTED ACCORDING TO RESIDENCE: RESIDENT DEATHS DISTRIBUTED ACCORDING TO PLACE OF DEATH
MINNESOTA, 1979

County	Deaths Occurring in County				Resident Deaths		
					Outside County		
	Total	County Residents	Other Minnesota Residents	Out of State Residents	Within Minnesota	Outside Minnesota	Total
State Total	32,656	24,776	6,073	1,807	6,073	1,233	32,082
Aitkin	118	103	13	2	54	3	160
Anoka	667	415	238	14	275	16	706
Becker	233	187	41	5	29	52	268
Beltrami	251	183	65	3	31	17	231
Benton	108	72	36	-	126	-	198
Big Stone	86	54	20	12	17	6	77
Blue Earth	462	324	135	3	51	7	382
Brown	315	235	80	-	50	1	286
Carlton	264	204	56	4	66	4	274
Carver	184	113	69	2	87	2	202
Cass	134	92	35	7	148	9	249
Chippewa	135	117	15	3	58	3	178
Chisago	231	174	51	6	55	11	240
Clay	192	141	26	25	21	113	275
Clearwater	71	58	13	-	18	13	89
Cook	32	28	3	1	11	1	40
Cottonwood	136	124	11	1	30	3	157
Crow Wing	399	302	89	8	80	9	391
Dakota	556	433	111	12	417	18	868
Dodge	45	37	8	-	67	3	107
Douglas	245	208	35	2	68	7	283
Faribault	175	149	8	18	49	14	212
Fillmore	180	139	31	10	62	27	228
Freeborn	314	257	36	21	41	13	311
Goodhue	369	301	39	29	79	5	385
Grant	74	52	22	-	32	7	91
Hennepin	8,568	6,636	1,551	381	553	128	7,317
Minneapolis	4,772	3,004	1,533	235	1,173	61	4,238
Houston	133	119	6	8	7	75	201
Hubbard	177	117	55	5	29	20	166
Isanti	192	137	54	1	49	2	188
Itasca	341	290	44	7	76	4	370
Jackson	88	77	9	2	31	8	116
Kanabec	102	73	27	2	40	1	114
Kandiyohi	357	237	114	6	40	5	282
Kittson	78	63	9	6	8	9	80
Koochiching	112	98	12	2	32	5	135
Lac Qui Parle	104	96	4	4	38	1	135
Lake	84	69	11	4	16	4	89
Lake of the Woods	37	31	6	-	8	2	41
Le Sueur	113	95	17	1	118	1	214
Lincoln	107	75	18	14	10	6	91
Lyon	216	172	41	3	43	13	228
McLeod	257	193	63	1	60	4	257
Mahnomen	38	29	9	-	14	6	49

DEATHS BY COUNTY OF OCCURRENCE DISTRIBUTED ACCORDING TO RESIDENCE: RESIDENT DEATHS DISTRIBUTED ACCORDING TO PLACE OF DEATH, MINNESOTA 1979-CONT.

County	Deaths Occurring in County				Resident Deaths		
	Total	County Residents	Other Minnesota Residents	Out of State Residents	Outside County Within Minnesota	Outside County Outside Minnesota	Total
Marshall	73	66	6	1	48	24	138
Martin	217	185	11	21	26	9	220
Meeker	221	167	53	1	50	3	220
Mille Lacs	175	136	37	2	61	3	200
Morrison	227	202	24	1	74	-	276
Mower	306	278	25	3	86	19	383
Murray	85	73	12	-	25	12	110
Nicollet	98	72	25	1	90	4	166
Nobles	182	149	24	9	15	20	184
Norman	87	75	9	3	23	21	119
Olmsted	1,404	437	432	535	35	20	492
Otter Tail	452	384	58	10	81	59	524
Pennington	177	122	54	1	17	8	147
Pine	107	100	6	1	114	10	224
Pipestone	96	87	3	6	8	14	109
Polk	325	273	34	18	33	65	371
Pope	128	107	20	1	28	-	135
Ramsey	3,913	3,098	679	136	471	63	3,632
St. Paul	3,471	2,346	996	129	345	44	2,735
Red Lake	28	21	6	1	15	10	46
Redwood	196	156	37	3	68	5	229
Renville	143	134	7	2	105	-	239
Rice	371	308	59	4	51	5	364
Rock	93	77	4	12	6	25	108
Roseau	111	95	8	8	8	7	110
St. Louis	2,344	1,942	195	207	122	39	2,103
Duluth	1,356	912	254	190	84	22	1,018
Scott	295	186	105	4	80	2	268
Sherburne	155	93	60	2	105	3	201
Sibley	114	96	18	-	67	-	163
Stearns	893	537	337	19	110	8	655
Steele	219	197	20	2	48	2	247
Stevens	95	79	14	2	16	2	97
Swift	139	125	14	-	30	3	158
Todd	145	123	22	-	99	4	226
Traverse	50	38	4	8	18	6	62
Wabasha	185	133	21	31	44	4	181
Wadena	211	124	87	-	37	11	172
Waseca	133	115	18	-	57	6	178
Washington	326	267	49	10	227	23	517
Watonwan	123	105	18	-	30	1	136
Wilkin	153	65	8	80	8	10	83
Winona	371	327	23	21	58	33	418
Wright	273	227	45	1	160	5	392
Yellow Medicine	137	86	46	5	25	7	118

SELECTED RESIDENT MORTALITY STATISTICS BY COUNTY AND CITIES OVER 100,000*
MINNESOTA, 1979

		State	Aitkin	Anoka	Becker	Beltrami	Benton	Big Stone	Blue Earth	Brown	Carlton	Carver
DEATHS - Total		32,082†	160	706	268	231	198	77	382	286	274	202
Rate:	Age & sex adjusted	7.9	8.5	7.4	7.9	7.9	9.2	6.7	7.9	8.0	8.4	6.8
Rate:	Sex adjusted-age specific											
	Under 5 years	2.8	4.1	3.1	4.3	2.5	1.7	4.1	3.0	2.3	2.7	2.1
	5-14 years	0.3	1.1	0.4	0.2	0.5	0.5	0.9	0.4	0.2	0.4	-
	15-24 years	1.0	1.8	0.8	2.1	1.7	1.1	-	1.1	1.0	1.7	1.2
	25-44 years	1.2	3.6	1.0	2.2	1.5	1.4	0.9	0.8	1.4	1.8	1.2
	45-64 years	7.3	10.9	6.1	6.3	10.0	9.5	4.8	7.4	8.2	6.4	4.4
	65 years and over	49.5	39.6	47.5	46.2	42.7	56.9	44.3	49.7	48.3	53.0	45.4
Sex:	Male	17,563	101	424	158	130	101	40	231	152	157	122
	Female	14,518	59	282	110	101	97	37	151	134	117	80
Race:	White	31,534	160	695	251	199	198	76	382	286	270	202
	Black	301	-	2	-	-	-	-	-	-	-	-
	Indian	196	-	1	17	31	-	1	-	-	4	-
	Other & Unknown	51	-	8	-	1	-	-	-	-	-	-
ICDA**	CAUSE OF DEATH											
001-139	Infective-parasitic	208	2	-	3	5	1	1	1	2	1	6
010-018	Tuberculosis	12	-	-	-	-	-	1	-	-	-	-
140-208	Neoplasms-malignant	6,739	32	174	42	38	41	18	72	56	57	45
150-159	Digestive	1,983	10	40	11	14	8	6	19	24	12	14
160-165	Respiratory	1,407	10	49	8	6	8	1	13	9	9	7
174-175	Breast	614	5	11	4	2	5	1	9	4	5	5
179-187	Genital	811	3	20	8	5	3	5	9	8	17	4
188-189	Urinary	319	1	8	3	1	3	-	5	1	-	3
204-208	Leukemia	329	2	8	2	1	4	-	7	3	-	5
250	Diabetes mellitus	469	3	8	2	5	2	1	9	6	4	5
390-448	Major cardiovascular	16,369	90	297	129	117	110	40	210	160	155	93
390-398	Rheumatic	133	-	2	1	2	-	-	1	-	2	-
402,404	Hypertensive heart	221	1	3	-	1	5	-	2	1	1	1
410-414	Ischemic heart	9,388	54	193	83	65	68	23	140	75	80	58
420-429	Other heart	1,988	10	42	10	10	9	8	16	26	17	10
400-401, & 403	Hypertension	116	-	-	1	1	-	-	3	2	-	-
430-438	Cerebrovascular	3,309	15	35	31	33	23	6	35	34	36	13
440	Arteriosclerosis	651	3	8	1	3	5	1	8	14	13	6
460-519	Respiratory	2,048	5	26	26	21	10	4	28	10	17	15
480-486	Pneumonia	989	2	12	17	7	9	2	10	7	7	10
487	Influenza	28	-	-	-	1	-	-	-	1	-	-
490-491	Bronchitis	57	-	-	-	2	-	-	3	-	-	-
492	Emphysema	206	1	5	-	2	-	-	4	1	2	3
493	Asthma	47	-	-	-	1	-	1	-	-	2	-
531-533	Ulcer of stomach and duodenum	122	-	2	1	-	-	1	1	2	1	1
550-553, & 560	Hernia & intestinal obstruction	91	1	4	1	-	-	-	-	2	-	-
571	Chronic liver disease and cirrhosis	320	-	7	4	3	3	-	5	2	2	-
580-589	Nephritis, nephrotic syndrome & nephrosis	205	3	5	4	2	1	2	2	4	3	-
590	Kidney infection	30	-	2	-	-	-	-	1	-	-	-
630-676	Pregnancy, childbirth & puerperium	3	-	-	-	-	-	-	-	-	-	-
740-759	Congenital anomalies	246	1	21	2	2	2	-	2	5	1	3
760-779	Infant mortality	323	3	16	6	-	1	1	4	-	2	1
780-799	Ill-defined	533	1	13	2	3	-	-	1	1	2	1
Residual	Other diseases	1,931	7	23	15	16	9	4	19	18	8	11
E800-949	Accidents	1,861	12	80	26	13	17	4	23	16	13	15
E810-825	Motor vehicle	937	8	45	11	5	11	-	9	7	5	8
E880-888	Accidental falls	297	1	7	3	3	2	-	2	3	-	2
E950-959	Suicide	416	-	25	3	4	1	1	2	2	7	2
E960-978	Homicide & legal intervention	105	-	1	1	-	-	-	-	-	1	3
E980-999	Other violent deaths	63	-	2	1	2	-	-	2	-	-	1

SELECTED RESIDENT MORTALITY STATISTICS BY COUNTY AND CITIES OVER 100,000*, MINNESOTA, 1979-CONT.

		Cass	Chippewa	Chisago	Clay	Clear-water	Cook	Cotton-wood	Crow Wing	Dakota	Dodge	Douglas
DEATHS - Total		249	178	240	275	89	40	157	391	868	107	283
Rate:	Age & sex adjusted	8.1	8.4	9.6	6.6	7.1	8.0	7.3	7.7	7.4	6.8	8.3
Rate:	Sex adjusted-age specific											
	Under 5 years	3.6	2.3	4.4	2.8	5.3	-	0.8	4.3	3.0	2.4	3.9
	5-14 years	1.3	0.4	0.2	0.3	-	-	0.9	1.8	0.3	-	0.3
	15-24 years	1.4	1.0	1.9	0.3	-	-	1.0	1.2	1.3	2.4	1.2
	25-44 years	2.0	0.7	2.3	0.8	1.4	1.2	2.2	1.5	1.0	1.8	2.0
	45-64 years	7.8	9.5	8.4	5.7	7.2	5.2	4.6	8.6	6.2	6.7	5.4
	65 years and over	46.4	51.1	58.3	42.7	42.6	57.4	46.8	41.9	47.1	37.6	53.6
Sex:	Male	146	99	143	153	58	28	89	219	499	59	155
	Female	103	79	97	122	31	12	68	172	369	48	128
Race:	White	232	178	240	274	88	39	157	390	858	107	282
	Black	1	-	-	-	-	-	-	1	3	-	1
	Indian	15	-	-	-	1	1	-	-	2	-	-
	Other & Unknown	1	-	-	1	-	-	-	-	5	-	-
ICDA**	CAUSE OF DEATH											
001-139	Infective-parasitic	1	2	-	1	-	1	3	1	11	3	-
010-018	Tuberculosis	-	-	-	-	-	-	-	-	1	-	-
140-208	Neoplasms-malignant	61	38	49	58	18	5	30	87	196	20	56
150-159	Digestive	16	7	17	17	8	1	12	23	50	9	14
160-165	Respiratory	15	8	7	7	3	2	5	13	44	5	9
174-175	Breast	3	6	5	4	2	-	1	15	20	1	5
179-187	Genital	9	8	8	13	-	1	4	13	18	2	15
188-189	Urinary	5	1	2	1	3	1	1	5	12	-	2
204-208	Leukemia	1	1	2	1	1	-	3	7	8	1	4
250	Diabetes mellitus	3	2	4	7	-	2	2	9	11	1	2
390-448	Major cardiovascular	121	82	126	141	50	23	89	189	375	51	149
390-398	Rheumatic	2	1	1	1	-	-	-	1	5	1	1
402,404	Hypertensive heart	-	1	-	1	-	-	4	3	2	-	1
410-414	Ischemic heart	67	49	73	94	30	11	51	109	231	28	95
420-429	Other heart	14	9	22	11	8	5	13	22	39	8	20
400-401, & 403	Hypertension	-	-	-	1	1	-	-	2	2	-	-
430-438	Cerebrovascular	28	14	27	24	6	5	12	40	72	12	23
440	Arteriosclerosis	5	4	2	5	5	1	6	3	14	1	8
460-519	Respiratory	20	14	16	15	7	1	11	30	34	5	30
480-486	Pneumonia	8	5	12	6	3	1	4	19	12	4	15
487	Influenza	-	-	-	-	-	-	-	-	-	-	-
490-491	Bronchitis	-	-	-	-	-	-	-	-	1	-	-
492	Emphysema	3	3	-	1	2	-	2	1	4	-	1
493	Asthma	1	1	-	1	-	-	-	1	1	-	-
531-533	Ulcer of stomach and duodenum	-	2	1	1	-	-	-	1	2	1	-
550-553, & 560	Hernia & intestinal obstruction	-	1	1	-	-	2	1	1	5	2	-
571	Chronic liver disease and cirrhosis	3	3	3	3	-	-	1	4	11	1	2
580-589	Nephritis, nephrotic syndrome & nephrosis	2	1	1	1	-	1	1	5	4	-	1
590	Kidney infection	-	-	-	1	-	1	-	-	-	1	-
630-676	Pregnancy, childbirth & puerperium	-	-	-	-	-	-	-	-	-	-	-
740-759	Congenital anomalies	-	-	6	1	1	-	1	6	14	-	2
760-779	Infant mortality	1	1	1	5	2	-	1	4	18	3	2
780-799	Ill-defined	5	3	2	3	1	-	1	6	13	-	3
Residual	Other diseases	12	18	8	10	3	2	8	22	60	4	15
E800-949	Accidents	15	10	20	24	5	2	7	22	90	13	14
E810-825	Motor vehicle	9	1	7	10	4	2	6	9	63	11	6
E880-888	Accidental falls	1	1	4	4	-	-	-	6	5	1	3
E950-959	Suicide	4	-	2	1	2	-	1	2	22	-	6
E960-978	Homicide & legal intervention	-	1	-	3	-	-	-	1	2	2	1
E980-999	Other violent deaths	1	-	-	-	-	-	-	1	-	-	-

SELECTED RESIDENT MORTALITY STATISTICS BY COUNTY AND CITIES OVER 100,000*, MINNESOTA, 1979-CONT.

	Fari-bault	Fill-more	Free-born	Good-hue	Grant	Henn-epin	Minn-eapolis	Houston	Hubbard	Isanti
DEATHS - Total	212	228	311	385	91	7,317	4,238	201	166	188
Rate: Age & sex adjusted	7.7	7.2	7.0	8.1	7.6	8.4	12.2	9.0	8.9	8.9
Rate: Sex adjusted-age specific										
Under 5 years	3.3	2.3	1.9	4.3	6.7	3.1	3.1	2.3	1.0	2.9
5-14 years	-	0.6	0.4	0.3	-	0.3	0.2	0.4	1.6	0.3
15-24 years	0.3	1.7	0.7	1.1	-	1.0	1.4	0.5	0.3	0.4
25-44 years	2.5	-	0.8	0.8	0.9	1.1	1.3	2.3	2.2	2.0
45-64 years	6.4	4.1	6.5	5.6	5.9	8.1	11.0	6.6	8.4	8.1
65 years and over	47.4	50.5	44.6	54.0	49.6	52.1	79.5	58.4	54.3	56.2
Sex: Male	116	113	168	194	52	3,725	2,096	134	109	107
Female	96	115	143	191	39	3,592	2,142	67	57	81
Race: White	211	228	311	383	91	7,064	4,002	201	164	188
Black	-	-	-	-	-	187	178	-	-	-
Indian	-	-	-	2	-	54	52	-	1	-
Other & Unknown	1	-	-	-	-	12	6	-	1	-
ICDA** CAUSE OF DEATH										
001-139 Infective-parasitic	1	-	2	1	-	50	28	-	3	-
010-018 Tuberculosis	-	-	1	-	-	1	-	-	-	-
140-208 Neoplasms-malignant	47	41	51	77	12	1,619	879	33	25	36
150-159 Digestive	16	15	18	20	5	445	250	11	6	8
160-165 Respiratory	7	5	10	9	1	380	211	6	10	8
174-175 Breast	9	4	1	7	2	184	101	-	1	3
179-187 Genital	6	5	8	10	1	156	80	5	1	6
188-189 Urinary	-	3	1	5	1	74	35	1	1	1
204-208 Leukemia	1	1	2	5	1	81	43	3	-	3
250 Diabetes mellitus	-	1	7	7	-	86	44	1	-	1
390-448 Major cardiovascular	115	128	161	200	52	3,531	2,069	118	95	101
390-398 Rheumatic	1	-	2	-	-	31	16	1	1	-
402,404 Hypertensive heart	3	4	3	8	1	41	28	2	-	-
410-414 Ischemic heart	57	63	80	103	17	2,073	1,221	66	55	49
420-429 Other heart	17	19	29	19	13	343	217	14	12	19
400-401, & 403 Hypertension	1	-	2	1	-	29	17	3	2	-
430-438 Cerebrovascular	27	36	34	53	15	738	434	21	20	29
440 Arteriosclerosis	4	2	6	8	1	146	66	3	1	2
460-519 Respiratory	18	27	17	30	5	426	266	14	9	10
480-486 Pneumonia	9	17	7	19	4	180	120	10	6	5
487 Influenza	-	-	-	1	-	4	3	-	-	-
490-491 Bronchitis	-	-	-	-	-	17	13	-	-	-
492 Emphysema	3	1	2	2	-	51	28	-	-	-
493 Asthma	1	3	1	-	-	6	5	-	-	2
531-533 Ulcer of stomach and duodenum	1	-	2	3	1	35	18	-	-	-
550-553, & 560 Hernia & intestinal obstruction	-	-	3	-	-	26	18	3	1	1
571 Chronic liver disease and cirrhosis	2	1	4	1	1	86	57	1	-	1
580-589 Nephritis, nephrotic syndrome & nephrosis	1	-	-	3	1	47	34	1	3	-
590 Kidney infection	-	1	-	-	-	6	3	1	1	-
630-676 Pregnancy, childbirth & puerperium	-	-	-	-	-	2	2	-	-	-
740-759 Congenital anomalies	4	2	2	3	2	43	23	-	1	-
760-779 Infant mortality	1	2	-	4	-	72	30	1	-	2
780-799 Ill-defined	1	2	6	2	3	221	158	3	-	6
Residual Other diseases	12	13	33	28	8	503	290	13	11	15
E800-949 Accidents	8	9	16	24	5	368	201	11	16	13
E810-825 Motor vehicle	5	5	10	13	2	149	68	5	8	6
E880-888 Accidental falls	1	1	4	4	1	102	72	1	-	2
E950-959 Suicide	1	1	7	2	1	130	66	1	1	2
E960-978 Homicide & legal intervention	-	-	-	-	-	43	35	-	-	-
E980-999 Other violent deaths	-	-	-	-	-	23	17	-	-	-

SELECTED RESIDENT MORTALITY STATISTICS BY COUNTY AND CITIES OVER 100,000*, MINNESOTA, 1979-CONT.

	Itasca	Jack-son	Kanabec	Kand-iyohi	Kittson	Kooch-iching	Lac Qui Parle	Lake	Lake of the Woods	Le Sueur
DEATHS - Total	370	116	114	282	80	135	135	89	41	214
Rate: Age & sex adjusted	8.0	6.5	8.5	6.7	8.7	7.3	8.3	7.1	8.1	7.6
Rate: Sex adjusted-age specific										
Under 5 years	3.5	2.4	4.2	3.5	5.5	2.2	-	2.0	-	1.9
5-14 years	0.3	0.4	1.4	0.4	-	0.4	-	0.5	-	-
15-24 years	1.7	0.7	1.7	1.4	0.9	1.6	1.9	1.0	2.7	1.4
25-44 years	2.1	1.9	3.1	1.5	2.8	1.1	3.2	1.0	2.3	0.9
45-64 years	9.2	7.3	6.3	6.2	5.0	4.8	6.3	4.0	12.9	7.2
65 years and over	43.8	36.7	48.3	39.3	55.4	48.2	50.4	48.9	38.9	47.7
Sex: Male	235	59	64	164	42	89	75	45	30	133
Female	135	57	50	118	38	46	60	44	11	81
Race: White	361	116	114	282	80	129	135	89	41	212
Black	-	-	-	-	-	-	-	-	-	1
Indian	9	-	-	-	-	4	-	-	-	-
Other & Unknown	-	-	-	-	-	2	-	-	-	1
ICDA** CAUSE OF DEATH										
001-139 Infective-parasitic	1	1	-	-	-	1	-	-	-	1
010-018 Tuberculosis	-	-	-	-	-	-	-	-	-	-
140-208 Neoplasms-malignant	72	25	29	59	11	35	28	17	8	41
150-159 Digestive	22	9	9	20	3	12	8	4	3	10
160-165 Respiratory	16	6	6	11	2	6	5	4	2	7
174-175 Breast	4	4	2	2	-	2	4	2	-	1
179-187 Genital	12	2	3	13	3	6	4	1	2	4
188-189 Urinary	3	1	1	2	-	2	-	2	-	2
204-208 Leukemia	6	-	-	4	-	2	2	2	-	3
250 Diabetes mellitus	7	-	-	5	2	1	-	2	2	5
390-448 Major cardiovascular	193	59	49	141	41	64	78	45	24	113
390-398 Rheumatic	1	1	-	1	-	1	-	-	-	-
402,404 Hypertensive heart	-	-	-	-	-	-	4	-	1	-
410-414 Ischemic heart	128	36	32	78	26	37	44	19	18	62
420-429 Other heart	15	6	4	27	4	7	4	10	1	15
400-401, & 403 Hypertension	2	-	-	-	-	1	1	-	-	1
430-438 Cerebrovascular	39	10	9	26	10	9	19	14	2	24
440 Arteriosclerosis	4	4	2	5	-	3	4	1	-	5
460-519 Respiratory	15	9	10	18	6	9	8	3	-	16
480-486 Pneumonia	5	1	4	8	3	5	7	3	-	8
487 Influenza	-	-	-	-	-	1	-	-	-	-
490-491 Bronchitis	1	-	-	2	-	-	-	-	-	1
492 Emphysema	2	2	1	3	-	1	-	-	-	1
493 Asthma	-	1	1	-	2	-	-	-	-	2
531-533 Ulcer of stomach and duodenum	-	-	-	1	-	-	-	-	-	1
550-553, & 560 Hernia & intestinal obstruction	1	1	-	-	-	-	-	-	-	1
571 Chronic liver disease and cirrhosis	4	3	1	2	2	2	1	-	-	2
580-589 Nephritis, nephrotic syndrome & nephrosis	-	-	-	3	1	-	1	-	2	2
590 Kidney infection	1	1	-	1	-	-	-	-	-	-
630-676 Pregnancy, childbirth & puerperium	-	-	-	-	-	-	-	-	-	-
740-759 Congenital anomalies	1	1	2	4	1	-	-	1	-	-
760-779 Infant mortality	5	-	3	5	1	2	-	2	-	2
780-799 Ill-defined	6	-	1	6	1	2	-	-	-	5
Residual Other diseases	24	7	9	14	7	7	7	6	1	15
E800-949 Accidents	35	7	8	21	7	8	12	10	3	9
E810-825 Motor vehicle	23	2	5	13	4	5	6	4	2	4
E880-888 Accidental falls	3	1	1	4	-	-	4	4	-	-
E950-959 Suicide	2	1	2	2	-	4	-	2	1	-
E960-978 Homicide & legal intervention	2	-	-	-	-	-	-	-	-	-
E980-999 Other violent deaths	1	1	-	-	-	-	-	1	-	1

SELECTED RESIDENT MORTALITY STATISTICS BY COUNTY AND CITIES OVER 100,000*, MINNESOTA, 1979-CONT.

		Lincoln	Lyon	McLeod	Mahnomen	Marshall	Martin	Meeker	Mille Lacs	Morrison	Mower
DEATHS - Total		91	228	257	49	138	220	220	200	276	383
Rate:	Age & sex adjusted	7.5	8.5	7.5	7.1	8.4	6.4	8.6	8.2	8.3	7.6
Rate:	Sex adjusted-age specific										
	Under 5 years	4.1	2.4	2.1	3.6	4.3	0.5	1.2	4.7	3.1	2.4
	5-14 years	-	0.3	0.4	-	1.4	-	-	-	0.2	0.3
	15-24 years	-	0.4	1.1	2.4	1.8	0.8	0.8	-	1.2	1.0
	25-44 years	1.7	1.5	1.5	2.3	0.4	1.3	2.2	2.0	1.7	1.4
	45-64 years	5.7	6.1	5.7	5.2	6.7	4.5	6.7	6.7	8.3	7.6
	65 years and over	48.9	57.5	48.2	40.4	52.6	43.5	55.9	52.2	49.4	46.3
Sex:	Male	44	119	156	32	92	119	131	115	169	217
	Female	47	109	101	17	46	101	89	85	107	166
Race:	White	91	227	257	44	138	220	219	189	276	383
	Black	-	-	-	-	-	-	-	-	-	-
	Indian	-	-	-	5	-	-	-	11	-	-
	Other & Unknown	-	1	-	-	-	-	1	-	-	-
ICDA**	CAUSE OF DEATH										
001-139	Infective-parasitic	-	1	1	-	1	1	-	2	1	2
010-018	Tuberculosis	-	-	-	-	-	-	-	-	1	-
140-208	Neoplasms-malignant	21	55	51	8	36	54	36	33	60	83
150-159	Digestive	7	16	18	3	7	16	14	15	14	24
160-165	Respiratory	5	14	12	1	6	14	7	4	15	19
174-175	Breast	1	2	5	1	4	2	-	2	2	5
179-187	Genital	5	10	4	1	6	8	6	3	5	6
188-189	Urinary	1	3	1	2	2	2	2	1	7	5
204-208	Leukemia	-	2	3	-	2	3	1	3	6	7
250	Diabetes mellitus	1	4	3	1	-	7	4	3	1	4
390-448	Major cardiovascular	51	126	140	25	67	117	135	98	151	198
390-398	Rheumatic	-	1	1	-	-	1	1	-	3	1
402,404	Hypertensive heart	1	1	3	1	-	1	-	-	2	6
410-414	Ischemic heart	26	74	80	14	36	72	76	61	70	79
420-429	Other heart	1	13	9	4	14	7	6	10	31	64
400-401, & 403	Hypertension	-	1	-	-	-	-	2	-	2	-
430-438	Cerebrovascular	21	25	30	6	14	30	43	17	35	36
440	Arteriosclerosis	1	6	13	-	2	2	4	4	3	8
460-519	Respiratory	5	15	12	2	10	12	8	23	22	21
480-486	Pneumonia	1	8	6	-	5	5	3	18	5	7
487	Influenza	-	-	-	-	-	-	-	1	-	-
490-491	Bronchitis	-	-	-	-	-	-	-	-	2	1
492	Emphysema	2	-	2	-	3	2	2	1	-	1
493	Asthma	-	-	1	-	1	-	1	-	-	-
531-533	Ulcer of stomach and duodenum	-	-	1	-	1	-	-	-	2	1
550-553, & 560	Hernia & intestinal obstruction	-	1	-	-	-	-	-	1	1	2
571	Chronic liver disease and cirrhosis	-	1	1	1	-	-	2	2	3	3
580-589	Nephritis, nephrotic syndrome & nephrosis	-	-	2	-	-	2	4	2	-	1
590	Kidney infection	-	-	-	-	-	1	-	-	1	-
630-676	Pregnancy, childbirth & puerperium	-	-	-	-	-	-	-	-	1	-
740-759	Congenital anomalies	1	2	1	-	1	1	-	3	1	4
760-779	Infant mortality	-	2	3	1	2	-	1	4	3	3
780-799	Ill-defined	1	-	2	-	3	3	3	3	3	4
Residual	Other diseases	6	6	18	3	4	11	11	19	7	31
E800-949	Accidents	5	11	20	6	12	7	13	5	17	25
E810-825	Motor vehicle	2	3	7	3	5	5	8	2	8	11
E880-888	Accidental falls	1	2	5	-	2	-	2	-	-	6
E950-959	Suicide	-	2	2	1	1	3	2	2	2	1
E960-978	Homicide & legal intervention	-	1	-	1	-	1	-	-	-	-
E980-999	Other violent deaths	-	1	-	-	-	-	1	-	-	-

SELECTED RESIDENT MORTALITY STATISTICS BY COUNTY AND CITIES OVER 100,000*, MINNESOTA, 1979-CONT.

	Murray	Nicollet	Nobles	Norman	Olmsted	Otter Tail	Penn-ington	Pine	Pipe-stone	Polk
DEATHS - Total	110	166	184	119	492	524	147	224	109	371
Rate: Age & sex adjusted	7.2	6.8	6.6	8.0	6.4	7.4	8.5	9.1	6.5	8.3
Rate: Sex adjusted-age specific										
Under 5 years	3.0	2.0	1.8	8.4	2.2	2.7	1.5	3.0	-	3.8
5-14 years	0.5	-	0.3	-	0.3	0.1	0.4	-	0.6	0.6
15-24 years	0.7	0.6	1.0	-	0.5	0.6	1.8	1.9	0.9	0.5
25-44 years	1.1	1.2	2.0	1.2	0.7	2.5	1.2	3.4	0.5	1.0
45-64 years	6.0	8.2	4.6	6.8	6.0	7.7	9.0	7.9	4.6	5.9
65 years and over	45.5	40.0	41.7	50.1	40.6	42.3	51.4	52.3	44.9	55.6
Sex: Male	65	78	95	65	252	302	85	136	54	202
Female	45	88	89	54	240	222	62	88	55	169
Race: White	110	166	184	119	491	524	146	222	109	369
Black	-	-	-	-	1	-	-	-	-	-
Indian	-	-	-	-	-	-	1	2	-	2
Other & Unknown	-	-	-	-	-	-	-	-	-	-
ICDA** CAUSE OF DEATH										
001-139 Infective-parasitic	-	-	1	-	1	6	2	1	1	-
010-018 Tuberculosis	-	-	-	-	-	1	-	-	-	-
140-208 Neoplasms-malignant	21	36	38	28	95	110	33	50	19	67
150-159 Digestive	9	13	13	11	29	39	10	18	7	23
160-165 Respiratory	5	6	9	1	17	15	4	8	-	15
174-175 Breast	3	2	6	5	12	15	5	4	1	4
179-187 Genital	2	2	1	5	5	11	9	2	2	6
188-189 Urinary	1	1	1	1	5	3	2	2	1	6
204-208 Leukemia	-	2	2	1	6	7	2	4	4	2
250 Diabetes mellitus	3	6	4	2	11	4	-	4	4	13
390-448 Major cardiovascular	63	89	95	60	218	283	79	117	53	215
390-398 Rheumatic	-	1	1	-	3	2	1	1	-	2
402,404 Hypertensive heart	-	2	-	2	3	2	-	1	2	6
410-414 Ischemic heart	39	61	59	37	129	185	33	62	32	98
420-429 Other heart	6	7	7	6	21	21	10	14	5	37
400-401, & 403 Hypertension	-	-	-	-	1	2	-	-	-	2
430-438 Cerebrovascular	14	13	22	13	43	55	25	26	10	52
440 Arteriosclerosis	2	2	3	-	11	5	7	4	3	15
460-519 Respiratory	5	11	17	6	49	38	10	11	13	17
480-486 Pneumonia	3	3	12	2	14	22	5	3	9	9
487 Influenza	-	-	-	-	-	-	1	-	1	-
490-491 Bronchitis	-	-	1	1	2	-	-	1	-	1
492 Emphysema	1	3	-	1	2	3	-	-	1	1
493 Asthma	-	-	-	-	2	1	-	-	-	-
531-533 Ulcer of stomach and duodenum	-	-	-	1	2	3	1	-	-	-
550-553, & 560 Hernia & intestinal obstruction	-	1	1	1	2	-	-	2	-	1
571 Chronic liver disease and cirrhosis	1	1	1	-	3	8	2	1	-	1
580-589 Nephritis, nephrotic syndrome & nephrosis	-	1	1	1	2	2	-	3	3	3
590 Kidney infection	-	-	-	-	-	1	-	-	-	-
630-676 Pregnancy, childbirth & puerperium	-	-	-	-	-	-	-	-	-	-
740-759 Congenital anomalies	-	3	-	1	5	2	-	1	-	5
760-779 Infant mortality	1	1	1	3	7	6	-	2	-	1
780-799 Ill-defined	1	3	-	3	17	1	2	3	6	1
Residual Other diseases	9	6	12	10	39	26	7	11	4	20
E800-949 Accidents	5	7	10	-	30	26	10	16	3	25
E810-825 Motor vehicle	2	5	7	-	17	16	7	9	2	12
E880-888 Accidental falls	1	1	1	-	4	2	-	5	1	3
E950-959 Suicide	-	1	3	3	8	8	-	1	1	2
E960-978 Homicide & legal intervention	-	-	-	-	2	-	1	1	1	-
E980-999 Other violent deaths	1	-	-	-	1	-	-	-	1	-

SELECTED RESIDENT MORTALITY STATISTICS BY COUNTY AND CITIES OVER 100,000*, MINNESOTA, 1979-CONT.

		Pope	Ramsey	St. Paul	Red Lake	Redwood	Renville	Rice	Rock	Roseau	St. Louis
DEATHS - Total		135	3,632	2,735	46	229	239	364	108	110	2,103
Rate:	Age & sex adjusted	7.6	8.1	10.3	8.1	8.6	8.6	8.2	7.7	6.7	8.4
Rate:	Sex adjusted-age specific										
	Under 5 years	2.3	2.5	2.3	4.1	2.4	3.6	1.9	2.3	3.5	2.7
	5-14 years	-	0.3	0.3	-	0.3	0.3	0.3	0.5	-	0.6
	15-24 years	-	0.9	1.0	-	0.5	1.8	0.9	0.5	0.8	1.0
	25-44 years	0.6	1.1	1.3	4.5	1.2	1.9	1.1	1.0	-	1.4
	45-64 years	6.5	8.5	9.4	4.9	9.1	8.8	7.6	6.4	6.3	8.4
	65 years and over	52.1	50.2	67.2	49.1	53.8	49.6	52.2	50.8	43.6	51.4
Sex:	Male	79	1,814	1,346	22	138	136	174	64	76	1,176
	Female	56	1,817	1,388	24	91	103	190	44	34	927
Race:	White	134	3,511	2,624	46	228	238	364	107	110	2,086
	Black	1	95	90	-	-	-	-	1	-	4
	Indian	-	16	14	-	1	1	-	-	-	10
	Other & Unknown	-	10	7	-	-	-	-	-	-	3
ICDA**	CAUSE OF DEATH										
001-139	Infective-parasitic	-	26	20	-	3	2	4	2	-	10
010-018	Tuberculosis	-	2	1	-	-	-	-	-	-	1
140-208	Neoplasms-malignant	19	787	567	10	32	40	67	26	26	417
150-159	Digestive	3	209	152	1	14	9	24	5	12	146
160-165	Respiratory	9	178	133	1	4	8	12	2	3	90
174-175	Breast	2	75	58	-	1	4	9	3	2	29
179-187	Genital	2	90	65	5	5	8	10	6	5	49
188-189	Urinary	2	32	20	2	1	2	-	1	-	19
204-208	Leukemia	-	32	20	-	2	2	-	1	-	10
250	Diabetes mellitus	2	62	44	-	2	3	5	1	2	37
390-448	Major cardiovascular	70	1,894	1,460	23	152	140	199	57	57	1,100
390-398	Rheumatic	-	15	11	-	-	-	3	1	2	6
402,404	Hypertensive heart	-	44	35	-	-	1	7	1	2	16
410-414	Ischemic heart	49	1,104	846	17	81	89	103	34	31	606
420-429	Other heart	6	199	153	2	17	19	35	6	4	163
400-401, & 403	Hypertension	-	20	14	-	1	1	2	-	-	8
430-438	Cerebrovascular	13	349	275	3	43	26	38	13	14	226
440	Arteriosclerosis	-	87	62	1	7	2	7	1	2	44
460-519	Respiratory	14	221	166	3	4	12	29	8	4	167
480-486	Pneumonia	9	113	86	1	1	5	11	3	2	83
487	Influenza	-	-	-	-	-	-	1	-	1	3
490-491	Bronchitis	-	4	3	-	1	1	-	1	-	7
492	Emphysema	-	21	14	-	-	2	2	-	1	28
493	Asthma	-	3	1	1	-	1	1	1	-	1
531-533	Ulcer of stomach and duodenum	-	20	16	-	-	2	3	-	-	8
550-553, & 560	Hernia & intestinal obstruction	-	4	3	-	-	2	-	-	-	2
571	Chronic liver disease and cirrhosis	1	38	32	-	-	3	4	-	1	40
580-589	Nephritis, nephrotic syndrome & nephrosis	1	24	20	2	1	2	1	-	3	6
590	Kidney infection	-	2	2	-	-	-	-	-	-	2
630-676	Pregnancy, childbirth & puerperium	-	-	-	-	-	-	-	-	-	-
740-759	Congenital anomalies	-	25	13	-	-	2	1	-	1	12
760-779	Infant mortality	1	29	18	-	1	2	2	-	-	18
780-799	Ill-defined	13	54	48	2	5	3	2	-	1	33
Residual	Other diseases	7	227	169	4	19	10	18	4	7	103
E800-949	Accidents	6	150	103	2	6	14	21	8	6	109
E810-825	Motor vehicle	1	71	44	1	3	7	12	3	3	46
E880-886	Accidental falls	1	25	20	-	-	1	4	2	1	20
E950-959	Suicide	-	42	30	-	3	1	6	2	2	29
E960-978	Homicide & legal intervention	-	16	15	-	1	-	2	-	-	7
E980-999	Other violent deaths	1	11	9	-	-	1	-	-	-	3

SELECTED RESIDENT MORTALITY STATISTICS BY COUNTY AND CITIES OVER 100,000*, MINNESOTA, 1979-CONT.

		Duluth	Scott	Sher-burne	Sibley	Stearns	Steele	Stevens	Swift	Todd	Traverse
DEATHS - Total		1,018	268	201	163	655	247	97	158	226	62
Rate:	Age & sex adjusted	9.5	8.9	8.5	8.0	7.1	7.7	7.5	9.1	7.3	6.8
Rate:	Sex adjusted-age specific										
	Under 5 years	2.7	3.8	4.1	0.8	1.4	2.5	1.2	1.8	1.8	2.6
	5-14 years	0.6	0.8	-	0.5	0.4	0.2	-	-	1.0	-
	15-24 years	0.9	1.1	0.8	1.3	1.1	1.1	-	0.4	0.6	0.9
	25-44 years	1.6	1.2	1.0	3.5	1.0	0.4	0.4	3.0	1.8	1.2
	45-64 years	8.9	5.7	5.5	5.4	6.9	5.7	7.0	7.3	8.4	5.1
	65 years and over	60.1	59.7	57.7	48.9	44.4	52.2	51.1	57.2	41.3	44.6
Sex:	Male	542	162	110	100	400	141	54	89	119	35
	Female	476	106	91	63	255	106	43	69	107	27
Race:	White	1,010	268	201	163	654	247	97	157	226	61
	Black	4	-	-	-	-	-	-	1	-	-
	Indian	2	-	-	-	-	-	-	-	-	1
	Other & Unknown	2	-	-	-	1	-	-	-	-	-
ICDA**	CAUSE OF DEATH										
001-139	Infective-parasitic	7	8	-	-	3	1	-	2	2	-
010-018	Tuberculosis	1	-	-	-	2	-	-	-	-	-
140-208	Neoplasms-malignant	203	48	44	33	145	55	23	42	55	13
150-159	Digestive	67	15	12	9	45	12	5	17	16	4
160-165	Respiratory	43	15	9	3	32	8	1	6	13	3
174-175	Breast	14	2	2	3	7	5	-	2	6	1
179-187	Genital	24	2	5	3	19	8	4	9	13	1
188-189	Urinary	7	1	4	4	7	4	1	2	2	1
204-208	Leukemia	5	4	2	3	8	7	-	3	-	-
250	Diabetes mellitus	10	3	2	7	6	2	1	1	3	1
390-448	Major cardiovascular	530	134	100	69	342	128	58	77	121	35
390-398	Rheumatic	5	1	-	-	6	5	3	1	1	-
402,404	Hypertensive heart	6	1	-	-	1	2	1	1	1	-
410-414	Ischemic heart	284	71	57	41	207	72	33	46	66	20
420-429	Other heart	79	17	18	8	48	13	6	11	20	10
400-401, & 403	Hypertension	5	-	1	-	6	-	1	-	1	1
430-438	Cerebrovascular	112	35	17	15	51	22	12	13	20	3
440	Arteriosclerosis	25	6	5	4	9	11	2	2	5	-
460-519	Respiratory	101	16	14	13	38	16	5	15	11	3
480-486	Pneumonia	51	7	7	7	25	11	-	11	4	2
487	Influenza	1	2	-	-	1	-	-	-	1	-
490-491	Bronchitis	2	-	1	-	1	-	1	-	-	-
492	Emphysema	16	1	2	1	2	1	-	2	2	-
493	Asthma	-	-	1	-	-	-	1	-	-	-
531-533	Ulcer of stomach and duodenum	4	3	1	2	3	-	-	-	-	-
550-553, & 560	Hernia & intestinal obstruction	2	-	-	-	1	1	-	1	-	1
571	Chronic liver disease and cirrhosis	20	4	1	-	3	4	-	2	1	-
580-589	Nephritis, nephrotic syndrome & nephrosis	3	-	2	3	6	3	-	-	3	1
590	Kidney infection	1	1	-	-	-	-	-	-	1	-
630-676	Pregnancy, childbirth & puerperium	-	-	-	-	-	-	-	-	-	-
740-759	Congenital anomalies	2	4	7	-	4	2	-	-	1	-
760-779	Infant mortality	10	4	2	1	6	2	-	2	3	1
780-799	Ill-defined	17	-	2	8	5	-	3	-	1	-
Residual	Other diseases	49	13	10	14	32	20	5	9	13	3
E800-949	Accidents	41	22	15	11	51	12	2	7	8	4
E810-825	Motor vehicle	18	11	10	6	35	6	-	2	7	-
E880-888	Accidental falls	6	2	2	3	3	2	1	1	-	1
E950-959	Suicide	12	3	1	2	9	1	-	-	2	-
E960-978	Homicide & legal intervention	4	3	-	-	-	-	-	-	1	-
E980-999	Other violent deaths	2	2	-	-	1	-	-	-	-	-

SELECTED RESIDENT MORTALITY STATISTICS BY COUNTY AND CITIES OVER 100,000*, MINNESOTA, 1979-CONT.

	Wabasha	Wadena	Waseca	Washington	Watonwan	Wilkin	Winona	Wright	Yellow Medicine	Unknown
DEATHS - Total	181	172	178	517	136	83	418	392	118	-
Rate: Age & sex adjusted	7.4	10.0	8.3	7.6	7.9	7.5	8.2	7.8	6.0	-
Rate: Sex adjusted-age specific										
Under 5 years	1.7	3.9	1.2	4.0	3.2	3.0	1.3	3.0	1.9	-
5-14 years	0.3	-	1.0	0.3	0.6	-	0.3	0.1	0.5	-
15-24 years	1.6	0.3	0.8	0.8	0.4	2.2	1.3	1.4	1.7	-
25-44 years	1.1	1.2	-	1.0	0.5	1.3	1.3	0.8	1.0	-
45-64 years	7.1	8.5	7.3	5.9	7.3	4.9	6.9	6.8	4.9	-
65 years and over	45.6	66.2	56.3	49.4	51.6	48.2	53.0	50.3	37.1	-
Sex: Male	111	93	92	323	65	44	212	224	64	-
Female	70	79	86	194	71	39	206	168	54	-
Race: White	180	172	176	514	136	83	418	392	117	-
Black	-	-	-	2	-	-	-	-	-	-
Indian	1	-	-	1	-	-	-	-	1	-
Other & Unknown	-	-	2	-	-	-	-	-	-	-
ICDA** CAUSE OF DEATH										
001-139 Infective-parasitic	1	1	-	5	-	-	8	2	1	-
010-018 Tuberculosis	-	-	-	-	-	-	1	-	-	-
140-208 Neoplasms-malignant	39	35	36	126	23	18	96	70	21	-
150-159 Digestive	8	7	15	33	6	4	40	23	7	-
160-165 Respiratory	9	8	9	27	3	1	16	15	6	-
174-175 Breast	2	4	2	11	2	2	3	7	2	-
179-187 Genital	10	6	5	8	3	1	8	4	2	-
188-189 Urinary	-	2	1	8	2	2	5	5	2	-
204-208 Leukemia	4	2	1	6	2	2	2	2	-	-
250 Diabetes mellitus	3	2	7	5	3	-	8	6	1	-
390-448 Major cardiovascular	96	97	91	228	94	37	217	207	61	-
390-398 Rheumatic	1	-	1	2	-	1	1	3	-	-
402,404 Hypertensive heart	1	6	2	2	-	-	3	-	2	-
410-414 Ischemic heart	63	50	52	134	60	20	95	109	35	-
420-429 Other heart	15	19	13	32	5	4	45	43	10	-
400-401, & 403 Hypertension	1	-	1	2	-	-	4	-	-	-
430-438 Cerebrovascular	11	13	16	41	22	8	51	37	8	-
440 Arteriosclerosis	2	8	4	8	4	-	8	8	2	-
460-519 Respiratory	15	9	12	41	5	10	25	27	9	-
480-486 Pneumonia	7	2	5	18	4	7	9	16	6	-
487 Influenza	-	-	4	-	-	-	4	-	-	-
490-491 Bronchitis	-	-	-	2	-	-	1	1	-	-
492 Emphysema	2	1	-	5	-	1	1	2	-	-
493 Asthma	-	2	-	-	-	-	-	-	1	-
531-533 Ulcer of stomach and duodenum	1	-	-	2	1	1	1	1	-	-
550-553, & 560 Hernia & intestinal obstruction	-	-	1	3	-	-	1	2	1	-
571 Chronic liver disease and cirrhosis	-	-	1	3	1	2	4	5	-	-
580-589 Nephritis, nephrotic syndrome & nephrosis	1	-	2	1	-	3	1	3	1	-
590 Kidney infection	-	-	1	-	-	1	-	1	-	-
630-676 Pregnancy, childbirth & puerperium	-	-	-	-	-	-	-	-	-	-
740-759 Congenital anomalies	-	1	-	9	1	1	2	3	2	-
760-779 Infant mortality	2	3	2	17	1	1	1	7	-	-
780-799 Ill-defined	-	2	1	2	2	-	6	3	-	-
Residual Other diseases	8	12	15	31	3	5	17	23	14	-
E800-949 Accidents	12	8	8	34	2	3	26	25	5	-
E810-825 Motor vehicle	10	1	4	21	2	2	16	15	3	-
E880-888 Accidental falls	1	1	1	2	-	-	1	4	1	-
E950-959 Suicide	2	2	1	6	-	1	5	4	2	-
E960-978 Homicide & legal intervention	1	-	-	3	-	-	-	2	-	-
E980-999 Other violent deaths	-	-	-	1	-	-	-	1	-	-

* As of the 1970 Census
† Includes unknown sex
** For detailed causes see pages 29-33

MARRIAGES, DIVORCES, AND ANNULMENTS BY COUNTY OF OCCURRENCE
MINNESOTA, 1979

County	Marriages	Divorces	Annul-ments	Unknown Divorce or Annulment	County	Marriages	Divorces	Annul-ments	Unknown Divorce or Annulment
State Total	37,020	14,542	35	184					
Aitkin	108	27	-	-	Marshall	88	-	-	-
Anoka	1,404	925	-	1	Martin	217	71	-	-
Becker	258	88	-	1	Meeker	155	42	-	1
Beltrami	376	136	-	-	Mille Lacs	168	54	-	-
Benton	135	2	-	-	Morrison	238	61	3	-
Big Stone	79	11	-	-	Mower	353	94	-	-
Blue Earth	567	166	-	13	Murray	85	18	-	-
Brown	250	69	-	1	Nicollet	159	-	-	-
Carlton	291	93	-	23	Nobles	215	53	-	1
Carver	274	125	-	11	Norman	67	22	-	-
Cass	144	72	-	-	Olmsted	968	375	1	2
Chippewa	134	33	-	-	Otter Tail	366	132	-	1
Chisago	197	66	-	-	Pennington	178	59	1	-
Clay	564	151	-	1	Pine	200	70	-	-
Clearwater	79	27	-	2	Pipestone	114	31	-	-
Cook	35	15	-	-	Polk	349	86	-	1
Cottonwood	143	28	-	1	Pope	89	24	-	-
Crow Wing	391	169	-	-	Ramsey	4,139	1,884	9	2
Dakota	1,035	854	1	24	Red Lake	63	9	-	1
Dodge	109	46	-	-	Redwood	153	23	-	-
Douglas	280	90	-	-	Renville	146	24	1	3
Faribault	135	34	-	1	Rice	344	123	-	-
Fillmore	154	48	-	-	Rock	117	-	-	-
Freeborn	354	123	-	1	Roseau	115	25	-	-
Goodhue	261	130	-	1	St. Louis	2,144	821	2	63
Grant	53	8	-	1	Scott	421	117	-	-
Hennepin	10,490	4,401	15	5	Sherburne	191	89	-	-
Houston	164	33	-	-	Sibley	112	17	-	-
Hubbard	96	53	-	2	Stearns	1,130	231	-	-
Isanti	187	69	-	1	Steele	242	79	-	-
Itasca	383	171	-	2	Stevens	100	22	-	-
Jackson	117	31	-	-	Swift	85	32	-	-
Kanabec	104	37	-	1	Todd	170	58	-	-
Kandiyohi	368	94	-	-	Traverse	44	-	-	-
Kittson	49	11	-	-	Wabasha	139	51	-	-
Koochiching	180	66	-	1	Wadena	174	-	-	-
Lac Qui Parle	83	18	-	1	Waseca	167	72	-	-
Lake	132	52	-	-	Washington	805	494	-	4
Lake of the Woods	32	-	-	-	Watonwan	109	25	-	-
Le Sueur	135	47	-	6	Wilkin	61	19	-	-
Lincoln	61	11	-	1	Winona	422	147	1	-
Lyon	268	80	-	-	Wright	401	170	-	-
McLeod	219	76	1	2	Yellow Medicine	92	19	-	-
Mahnomen	47	13	-	1	Unknown	-	-	-	-

MARRIAGES REPORTED IN MINNESOTA BY STATE OF RESIDENCE
1979

State of Residence	Marriages Reported		Percent of Marriages Reported	
	Residence of Bride	Residence of Groom	Residence of Bride	Residence of Groom
Total	37,020	37,020	100.0	100.0
Minnesota*	35,004	33,434	94.6	90.3
Other Areas and Unknown	2,016	3,586	5.4	9.7
Iowa	229	356	0.6	1.0
North Dakota	323	516	0.9	1.4
Scuth Dakota	110	188	0.3	0.5
Wisconsin	455	686	1.2	1.9
Other States	815	1,697	2.2	4.6
U.S. Territories	3	3	0.0	0.0
Other Nations	81	140	0.2	0.4
Unknown	-	-	-	-

* The resident totals are not true resident totals for Minnesota. Information is not available at the present time on the number of Minnesotans who marry in other States.

MARRIAGES OCCURRING IN MINNESOTA
BY AGE OF BRIDE AND GROOM, 1979

Bride's Age	Groom's Age														
	Total	Under 18	18-19	20	21-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65 & Over	Un-known*
Total	37,020	-	2,713	2,799	13,019	8,954	3,784	1,879	1,141	744	604	416	333	617	17
Under 18	995	-	496	173	260	52	6	4	-	1	-	-	-	-	3
18-19	6,649	-	1,661	1,412	2,818	611	98	31	5	6	2	-	2	-	3
20	3,958	-	309	650	2,237	607	108	32	10	2	1	1	-	-	1
21-24	12,425	-	201	502	6,622	3,840	913	228	69	27	15	2	1	3	2
25-29	6,422	-	31	51	904	3,124	1,499	526	176	67	29	4	6	3	2
30-34	2,629	-	5	8	136	598	895	540	275	110	45	10	3	3	1
35-39	1,278	-	3	-	27	100	199	356	307	161	82	30	12	1	-
40-44	757	-	2	-	4	14	52	123	214	176	100	49	13	9	1
45-49	524	-	1	1	1	4	10	28	68	130	144	75	43	19	-
50-54	391	-	-	-	1	-	3	5	14	49	124	96	59	40	-
55-59	288	-	-	1	-	1	1	4	3	9	39	84	79	67	-
60-64	286	-	-	-	1	1	-	-	-	3	18	48	73	142	-
65 & Over	397	-	1	-	-	-	-	-	-	3	4	17	42	329	1
Unknown*	21	-	3	1	8	2	-	2	-	-	1	-	-	1	3

* Includes age specified as legal

MARRIAGES OCCURRING IN MINNESOTA
BY RACE OF BRIDE AND GROOM, 1979

BRIDE	GROOM								
	TOTAL	WHITE	BLACK	INDIAN	CHINESE	JAPANESE	OTHER* ASIAN	OTHER	UNKNOWN
TOTAL	37,020	32,828	641	228	38	11	91	19	3,164
WHITE	32,808	32,137	234	99	18	8	35	11	266
BLACK	434	52	366	1	-	-	-	-	15
INDIAN	234	105	6	117	-	-	-	1	5
CHINESE	34	13	1	-	16	-	2	-	2
JAPANESE	12	10	1	-	1	-	-	-	-
OTHER* ASIAN	115	54	-	-	-	-	52	-	9
OTHER	23	16	1	-	-	-	-	3	3
UNKNOWN	3,360	441	32	11	3	3	2	4	2,864

* Includes Pacific Islanders

DIVORCES AND ANNULMENTS BY AGE OF HUSBAND AND WIFE
MINNESOTA, 1979

Wife's Age	Husband's Age												
	Total	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65 & Over	Unknown
Total	14,761	63	1,800	3,426	2,738	1,922	1,374	907	645	316	191	195	1,184
15-19	300	38	214	35	7	4	-	-	-	-	-	-	2
20-24	2,954	21	1,385	1,226	227	47	24	3	5	2	1	-	13
25-29	3,481	3	172	1,892	1,067	208	79	28	12	4	1	-	15
30-34	2,476	-	20	216	1,252	699	195	54	20	9	3	-	8
35-39	1,698	-	-	31	133	803	503	139	53	19	7	5	5
40-44	1,138	-	5	10	33	128	492	329	96	30	8	5	2
45-49	685	-	-	4	8	17	62	283	225	43	17	19	7
50-54	430	-	1	2	3	14	15	54	182	113	36	10	-
55-59	209	-	1	-	1	-	3	10	38	77	53	26	-
60-64	110	-	-	-	-	-	1	4	6	12	51	36	-
65 & Over	117	-	-	-	-	-	-	-	5	7	13	92	-
Unknown	1,163	1	2	10	7	2	-	3	3	-	1	2	1,132

Population Estimates
by Region, County, and Cities
Over 100,000, Age, and Sex
Minnesota, 1979

The population estimates were prepared by the Minnesota Center for Health Statistics using the State Demographer's total county and 65+ estimates as a basis for estimation, and are unofficial since Minnesota Statute 4.12 (1974) designates the office of the State Demographer as the official agency for conducting population estimation.

POPULATION ESTIMATES* BY REGION, COUNTY, CITIES OVER 100,000**, AGE, AND SEX
MINNESOTA, 1979

	Total	Under 5	5-14 Yrs.	15-24 Yrs.	25-44 Yrs.	45-64 Yrs.	65 & Over
State Total	4,059,999	297,982	618,202	805,228	1,091,956	776,548	470,084
Male	1,990,395	154,027	318,469	412,925	528,998	382,495	193,482
Female	2,069,604	143,956	299,733	392,302	562,958	394,053	276,602
Northwestern Region	161,516	13,617	25,146	33,299	32,290	33,506	23,658
Male	80,678	7,018	12,727	16,729	16,286	16,924	10,995
Female	80,838	6,599	12,419	16,570	16,004	16,582	12,663
Northeastern Region	343,933	25,985	51,797	71,400	72,335	77,485	44,931
Male	168,443	13,258	26,208	36,184	35,333	38,171	19,289
Female	175,490	12,727	25,589	35,216	37,002	39,314	25,642
West Central Region	199,521	14,649	28,493	41,173	43,646	41,690	29,870
Male	97,896	7,594	14,520	21,049	20,813	20,520	13,400
Female	101,625	7,055	13,973	20,124	22,833	21,170	16,470
Central Region	445,742	37,599	74,172	98,192	98,086	83,810	53,883
Male	222,587	19,554	38,775	49,716	48,623	41,512	24,407
Female	223,155	18,044	35,397	48,476	49,464	42,298	29,476
Southwestern Region	307,129	24,198	47,294	62,059	56,989	68,104	48,486
Male	151,113	12,592	24,119	30,511	28,757	33,862	21,273
Female	156,016	11,606	23,175	31,548	28,232	34,242	27,213
South Central Region	220,623	17,193	31,743	42,845	54,978	42,164	31,699
Male	107,010	8,901	16,273	22,128	25,666	20,676	13,365
Female	113,613	8,292	15,470	20,717	29,313	21,488	18,334
Southeastern Region	406,240	30,317	62,756	82,206	99,900	78,450	52,610
Male	197,999	15,706	32,146	41,965	47,807	38,691	21,683
Female	208,241	14,611	30,610	40,241	52,094	39,759	30,927
Metropolitan Region	1,975,295	134,424	296,801	374,053	633,731	351,338	184,947
Male	964,669	69,403	153,701	194,643	305,714	172,138	69,070
Female	1,010,626	65,021	143,100	179,410	328,017	179,200	115,877

* Row and column totals do not add due to rounding.

POPULATION ESTIMATES* BY REGION, COUNTY, CITIES OVER 100,000**, AGE, AND SEX
MINNESOTA, 1979

	Total	Under 5	5-14 Yrs.	15-24 Yrs.	25-44 Yrs.	45-64 Yrs.	65 & Over
Aitkin	13,601	955	1,883	2,839	1,929	3,415	2,580
Male	6,687	509	955	1,408	933	1,651	1,231
Female	6,914	446	928	1,431	996	1,764	1,349
Anoka	208,121	14,894	34,801	43,346	77,375	30,473	7,232
Male	105,787	7,869	18,587	22,277	38,170	15,782	3,103
Female	102,334	7,025	16,213	21,069	39,205	14,692	4,129
Becker	28,903	2,345	4,708	6,446	5,040	6,235	4,130
Male	14,101	1,218	2,423	3,114	2,433	3,016	1,896
Female	14,802	1,127	2,284	3,332	2,607	3,218	2,234
Beltrami	30,603	2,395	4,234	6,418	9,218	4,900	3,438
Male	15,406	1,209	2,116	3,605	4,463	2,421	1,592
Female	15,197	1,186	2,118	2,812	4,756	2,478	1,846
Benton	23,102	2,391	4,153	4,675	5,571	3,792	2,519
Male	11,753	1,258	2,165	2,382	2,946	1,866	1,136
Female	11,349	1,134	1,989	2,293	2,625	1,926	1,383
Big Stone	7,501	520	1,071	1,499	1,112	1,860	1,438
Male	3,639	255	545	744	541	933	621
Female	3,862	266	526	756	571	927	817
Blue Earth	51,105	3,629	5,628	9,009	19,608	7,309	5,923
Male	24,150	1,914	2,844	5,139	8,342	3,570	2,340
Female	26,955	1,715	2,784	3,870	11,265	3,738	3,583
Brown	30,003	2,173	4,726	6,155	6,353	6,178	4,417
Male	14,468	1,102	2,437	3,030	2,971	3,055	1,873
Female	15,535	1,071	2,289	3,125	3,382	3,123	2,544
Carlton	30,403	2,229	4,799	6,678	6,129	6,836	3,732
Male	15,247	1,119	2,513	3,412	3,073	3,454	1,676
Female	15,156	1,110	2,286	3,266	3,057	3,382	2,056

POPULATION ESTIMATES* BY REGION, COUNTY, CITIES OVER 100,000**, AGE, AND SEX
MINNESOTA, 1979

	Total	Under 5	5-14 Yrs.	15-24 Yrs.	25-44 Yrs.	45-64 Yrs.	65 & Over
Carver	36,004	2,919	6,332	7,797	8,935	6,858	3,163
Male	18,230	1,530	3,382	3,914	4,608	3,406	1,389
Female	17,774	1,389	2,950	3,883	4,326	3,451	1,774
Cass	21,702	1,672	3,101	4,471	3,376	5,164	3,918
Male	10,718	868	1,585	2,188	1,715	2,468	1,896
Female	10,984	804	1,516	2,284	1,662	2,697	2,022
Chippewa	15,502	1,304	2,301	3,082	2,723	3,458	2,634
Male	7,552	698	1,160	1,434	1,360	1,732	1,169
Female	7,950	607	1,141	1,648	1,363	1,726	1,465
Chisago	24,802	1,982	4,098	5,513	5,369	5,024	2,817
Male	12,707	1,076	2,312	2,748	2,829	2,435	1,307
Female	12,095	906	1,786	2,765	2,539	2,589	1,510
Clay	48,305	3,260	6,108	9,626	16,852	7,739	4,720
Male	23,767	1,692	3,153	5,463	7,589	3,841	2,030
Female	24,538	1,568	2,956	4,163	9,264	3,898	2,690
Clearwater	9,001	763	1,561	1,845	1,332	1,946	1,555
Male	4,560	421	837	912	674	963	754
Female	4,441	341	724	933	658	983	801
Cook	4,200	276	642	787	848	1,110	538
Male	2,184	138	328	410	424	627	256
Female	2,016	137	313	377	424	483	282
Cottonwood	15,502	1,198	2,372	2,984	2,670	3,540	2,738
Male	7,507	626	1,216	1,429	1,367	1,692	1,177
Female	7,995	572	1,156	1,555	1,303	1,848	1,561
Crow Wing	41,104	2,997	6,199	8,455	8,465	8,714	6,274
Male	20,179	1,535	3,263	4,205	4,187	4,134	2,855
Female	20,925	1,462	2,936	4,250	4,278	4,580	3,419

POPULATION ESTIMATES* BY REGION, COUNTY, CITIES OVER 100,000**, AGE, AND SEX
MINNESOTA, 1979

	Total	Under 5	5-14 Yrs.	15-24 Yrs.	25-44 Yrs.	45-64 Yrs.	65 & Over
Dakota	197,219	14,410	33,439	41,164	65,545	32,081	10,580
Male	99,026	7,588	18,261	20,531	32,391	15,907	4,348
Female	98,193	6,822	15,178	20,634	33,154	16,174	6,232
Dodge	14,501	1,243	2,502	3,116	2,744	2,995	1,901
Male	7,125	615	1,280	1,501	1,403	1,483	842
Female	7,376	629	1,222	1,615	1,341	1,512	1,059
Douglas	26,603	2,063	3,982	5,408	5,363	5,596	4,191
Male	13,083	1,060	2,024	2,639	2,684	2,786	1,890
Female	13,520	1,003	1,958	2,769	2,679	2,809	2,301
Faribault	19,402	1,513	2,804	3,874	3,242	4,392	3,576
Male	9,430	800	1,440	1,935	1,644	2,116	1,495
Female	9,972	713	1,364	1,940	1,599	2,276	2,081
Fillmore	22,102	1,740	3,466	4,310	3,680	5,073	3,833
Male	10,955	942	1,796	2,047	1,925	2,563	1,683
Female	11,147	798	1,670	2,263	1,756	2,510	2,150
Freeborn	36,404	2,585	5,398	7,207	7,987	7,834	5,393
Male	18,099	1,300	2,702	3,779	4,202	3,878	2,238
Female	18,305	1,285	2,696	3,428	3,785	3,956	3,155
Goodhue	39,004	2,815	6,077	8,322	7,832	8,231	5,728
Male	19,404	1,474	3,209	4,293	3,935	4,064	2,429
Female	19,600	1,340	2,868	4,029	3,897	4,167	3,299
Grant	7,701	570	1,025	1,460	1,160	2,032	1,453
Male	3,664	281	489	664	560	1,003	668
Female	4,037	289	536	796	600	1,029	785
Hennepin	916,190	58,272	125,562	161,800	297,713	170,768	102,075
Male	438,933	29,598	63,565	85,396	140,393	82,826	37,155
Female	477,257	28,674	61,997	76,405	157,320	87,942	64,920

POPULATION ESTIMATES* BY REGION, COUNTY, CITIES OVER 100,000**, AGE, AND SEX
MINNESOTA, 1979

	Total	Under 5	5-14 Yrs.	15-24 Yrs.	25-44 Yrs.	45-64 Yrs.	65 & Over
Houston	18,802	1,278	3,109	4,106	3,719	3,936	2,654
Male	9,240	673	1,483	2,008	1,912	1,959	1,205
Female	9,562	605	1,625	2,097	1,807	1,977	1,449
Hubbard	13,601	1,056	1,938	2,853	2,230	3,243	2,280
Male	6,576	515	954	1,332	1,098	1,560	1,117
Female	7,025	541	984	1,521	1,132	1,683	1,163
Isanti	21,802	1,401	3,786	5,432	5,009	3,713	2,460
Male	10,984	729	2,100	2,711	2,495	1,823	1,127
Female	10,818	673	1,686	2,721	2,514	1,890	1,333
Itasca	42,804	3,441	7,040	9,444	7,600	10,114	5,167
Male	20,767	1,786	3,448	4,567	3,641	4,897	2,428
Female	22,037	1,654	3,592	4,877	3,959	5,217	2,739
Jackson	14,401	858	2,257	3,072	2,604	3,405	2,204
Male	6,973	431	1,098	1,529	1,325	1,672	917
Female	7,428	427	1,159	1,543	1,279	1,734	1,287
Kanabec	12,201	1,186	2,201	2,539	2,261	2,395	1,619
Male	6,038	622	1,130	1,197	1,149	1,187	753
Female	6,163	564	1,070	1,343	1,112	1,208	866
Kandiyohi	35,103	2,826	5,316	7,022	7,135	7,765	5,038
Male	17,515	1,469	2,730	3,585	3,595	3,853	2,282
Female	17,588	1,357	2,585	3,437	3,540	3,912	2,756
Kittson	6,801	539	1,005	1,307	1,067	1,732	1,151
Male	3,352	289	512	596	544	909	503
Female	3,449	251	493	710	523	823	648
Koochiching	17,702	1,354	2,904	3,771	3,533	4,121	2,020
Male	8,803	668	1,509	1,847	1,779	2,048	951
Female	8,899	685	1,395	1,924	1,753	2,073	1,069

POPULATION ESTIMATES* BY REGION, COUNTY, CITIES OVER 100,000**, AGE, AND SEX
MINNESOTA, 1979

	Total	Under 5	5-14 Yrs.	15-24 Yrs.	25-44 Yrs.	45-64 Yrs.	65 & Over
Lac Qui Parle	11,401	998	1,648	2,243	1,580	2,820	2,112
Male	5,552	531	820	1,022	778	1,444	957
Female	5,849	466	828	1,221	802	1,376	1,155
Lake	13,601	992	2,134	3,072	3,023	2,993	1,387
Male	6,831	520	1,096	1,573	1,507	1,514	620
Female	6,770	471	1,038	1,498	1,516	1,479	767
Lake of the Woods	4,100	562	542	764	751	864	616
Male	2,090	288	272	382	430	414	304
Female	2,010	274	271	382	321	449	312
Le Sueur	22,402	2,138	3,797	4,429	4,350	4,192	3,495
Male	11,094	1,091	2,015	2,242	2,151	2,049	1,545
Female	11,308	1,047	1,781	2,187	2,199	2,143	1,950
Lincoln	8,101	726	1,212	1,535	1,175	1,923	1,530
Male	4,012	376	623	765	581	983	685
Female	4,089	350	590	770	594	940	845
Lyon	24,802	1,714	3,652	5,299	6,169	4,803	3,165
Male	12,516	943	1,895	2,826	3,161	2,333	1,358
Female	12,286	770	1,757	2,473	3,008	2,471	1,807
McLeod	29,803	2,390	4,798	5,533	7,130	5,892	4,060
Male	14,669	1,240	2,494	2,692	3,523	2,949	1,770
Female	15,134	1,150	2,303	2,841	3,607	2,943	2,290
Mahnomen	5,901	549	1,080	1,257	877	1,329	809
Male	2,959	283	513	604	436	717	405
Female	2,942	266	567	654	441	611	404
Marshall	13,201	1,202	2,251	2,751	2,206	2,903	1,888
Male	6,630	668	1,110	1,324	1,101	1,533	895
Female	6,571	534	1,142	1,427	1,105	1,369	993

POPULATION ESTIMATES* BY REGION, COUNTY, CITIES OVER 100,000**, AGE, AND SEX
MINNESOTA, 1979

	Total	Under 5	5-14 Yrs.	15-24 Yrs.	25-44 Yrs.	45-64 Yrs.	65 & Over
Martin	25,403	1,869	3,944	4,873	4,662	5,855	4,200
Male	12,196	949	1,981	2,371	2,295	2,844	1,756
Female	13,207	920	1,963	2,502	2,367	3,011	2,444
Meeker	20,302	1,689	3,281	4,053	3,705	4,462	3,112
Male	10,065	909	1,698	1,993	1,829	2,244	1,391
Female	10,237	780	1,583	2,060	1,875	2,218	1,721
Mille Lacs	19,202	1,536	3,045	4,006	3,499	4,153	2,963
Male	9,780	881	1,666	2,026	1,757	2,077	1,372
Female	9,422	655	1,378	1,980	1,742	2,076	1,591
Morrison	28,603	2,626	5,152	6,461	4,620	5,719	4,025
Male	13,912	1,333	2,569	3,031	2,270	2,858	1,852
Female	14,691	1,293	2,583	3,430	2,350	2,861	2,173
Mower	41,204	2,922	6,328	8,701	7,360	9,823	6,070
Male	19,886	1,516	3,132	4,230	3,698	4,762	2,549
Female	21,318	1,406	3,196	4,471	3,662	5,061	3,521
Murray	12,301	996	1,884	2,753	1,855	3,001	1,812
Male	6,053	508	962	1,329	944	1,486	824
Female	6,248	488	922	1,424	911	1,515	988
Nicollet	25,703	1,960	3,777	5,197	7,837	4,008	2,925
Male	12,723	1,009	1,969	2,760	3,794	1,983	1,208
Female	12,980	951	1,808	2,437	4,043	2,024	1,717
Nobles	22,902	1,692	3,581	4,812	4,392	5,013	3,413
Male	11,300	851	1,867	2,456	2,204	2,478	1,444
Female	11,602	841	1,714	2,355	2,188	2,535	1,969
Norman	9,601	729	1,407	1,813	1,508	2,262	1,881
Male	4,799	360	719	841	796	1,196	888
Female	4,802	370	688	973	713	1,066	993

POPULATION ESTIMATES* BY REGION, COUNTY, CITIES OVER 100,000**, AGE, AND SEX
MINNESOTA, 1979

	Total	Under 5	5-14 Yrs.	15-24 Yrs.	25-44 Yrs.	45-64 Yrs.	65 & Over
Olmsted	92,809	7,271	14,835	16,970	30,005	14,915	8,814
Male	44,404	3,821	7,732	8,646	13,673	7,340	3,191
Female	48,405	3,449	7,103	8,323	16,332	7,575	5,623
Otter Tail	51,005	3,671	7,434	10,495	8,313	11,936	9,156
Male	25,027	1,919	3,793	5,214	4,120	5,833	4,148
Female	25,978	1,752	3,641	5,281	4,193	6,104	5,008
Pennington	14,801	1,326	2,403	2,873	3,315	2,767	2,117
Male	7,346	703	1,246	1,454	1,624	1,403	917
Female	7,455	623	1,157	1,418	1,692	1,365	1,200
Pine	19,502	1,688	2,998	4,085	3,513	4,158	3,060
Male	9,861	883	1,552	1,979	1,975	2,043	1,429
Female	9,641	805	1,446	2,106	1,538	2,115	1,631
Pipestone	11,801	917	1,778	2,391	2,059	2,586	2,070
Male	5,629	444	898	1,131	1,022	1,282	851
Female	6,172	472	879	1,260	1,037	1,304	1,219
Polk	35,704	2,881	5,432	7,495	6,777	7,768	5,351
Male	17,679	1,464	2,762	3,768	3,477	3,860	2,349
Female	18,025	1,417	2,671	3,727	3,301	3,908	3,002
Pope	11,501	873	1,671	2,338	1,721	2,749	2,149
Male	5,736	456	867	1,179	874	1,382	978
Female	5,765	417	805	1,159	846	1,367	1,171
Ramsey	453,945	31,892	67,496	81,859	136,445	83,384	52,869
Male	218,737	16,428	34,005	43,144	65,596	40,321	19,244
Female	235,208	15,464	33,492	38,715	70,849	43,063	33,625
Red Lake	5,101	484	915	1,146	814	1,011	731
Male	2,584	233	469	554	467	506	356
Female	2,517	251	447	592	347	506	375

POPULATION ESTIMATES* BY REGION, COUNTY, CITIES OVER 100,000**, AGE, AND SEX
MINNESOTA, 1979

	Total	Under 5	5-14 Yrs.	15-24 Yrs.	25-44 Yrs.	45-64 Yrs.	65 & Over
Redwood	19,602	1,627	3,207	3,906	3,268	4,319	3,275
Male	9,642	822	1,619	1,884	1,691	2,224	1,402
Female	9,960	806	1,588	2,022	1,577	2,095	1,873
Renville	20,402	1,687	3,179	4,186	3,128	4,678	3,543
Male	10,122	902	1,654	2,029	1,620	2,317	1,601
Female	10,280	786	1,525	2,157	1,509	2,361	1,942
Rice	45,304	3,165	6,622	10,123	12,705	7,382	5,307
Male	22,258	1,597	3,519	5,550	5,814	3,617	2,160
Female	23,046	1,567	3,103	4,573	6,891	3,765	3,147
Rock	11,001	883	1,729	2,195	1,999	2,517	1,677
Male	5,271	472	815	1,060	972	1,231	721
Female	5,730	412	914	1,135	1,027	1,286	956
Roseau	13,101	1,130	2,377	2,778	2,194	2,782	1,841
Male	6,696	586	1,219	1,357	1,178	1,441	915
Female	6,405	545	1,158	1,420	1,015	1,341	926
St. Louis	221,622	16,739	32,396	44,810	49,273	48,897	29,507
Male	107,925	8,515	16,358	22,967	23,977	23,980	12,127
Female	113,697	8,224	16,038	21,842	25,296	24,917	17,380
Scott	44,604	3,415	8,068	10,170	12,112	7,882	2,957
Male	22,702	1,783	4,422	5,208	6,053	3,972	1,263
Female	21,902	1,632	3,645	4,962	6,058	3,910	1,694
Sherburne	32,603	2,711	5,619	7,237	9,104	5,443	2,489
Male	16,855	1,406	2,864	3,924	4,832	2,710	1,120
Female	15,748	1,305	2,756	3,313	4,272	2,733	1,369
Sibley	15,602	1,229	2,268	3,222	2,829	3,496	2,558
Male	7,636	623	1,142	1,548	1,406	1,751	1,166
Female	7,966	607	1,125	1,674	1,423	1,745	1,392

POPULATION ESTIMATES* BY REGION, COUNTY, CITIES OVER 100,000**, AGE, AND SEX
MINNESOTA, 1979

	Total	Under 5	5-14 Yrs.	15-24 Yrs.	25-44 Yrs.	45-64 Yrs.	65 & Over
Stearns	108,311	8,762	17,570	25,148	29,100	17,518	10,213
Male	53,176	4,518	9,025	13,223	13,119	8,889	4,402
Female	55,135	4,244	8,545	11,925	15,981	8,629	5,811
Steele	30,803	2,473	4,885	6,459	6,944	6,342	3,700
Male	15,086	1,247	2,577	3,226	3,306	3,146	1,584
Female	15,717	1,225	2,309	3,233	3,638	3,196	2,116
Stevens	11,001	823	1,379	2,301	2,762	2,179	1,558
Male	5,413	416	681	1,248	1,341	1,043	684
Female	5,588	407	698	1,053	1,421	1,136	874
Swift	13,101	1,136	2,110	2,663	1,980	3,024	2,188
Male	6,337	572	1,035	1,254	1,024	1,475	978
Female	6,764	564	1,075	1,409	957	1,549	1,210
Todd	24,602	2,245	3,959	5,237	3,835	5,441	3,885
Male	12,207	1,161	2,063	2,568	1,940	2,726	1,748
Female	12,395	1,084	1,896	2,669	1,895	2,714	2,137
Traverse	5,901	397	863	1,228	894	1,369	1,150
Male	2,840	203	422	573	416	703	523
Female	3,061	194	441	655	478	665	627
Wabasha	19,602	1,697	3,165	4,040	3,670	4,037	2,993
Male	9,579	889	1,562	1,901	1,905	2,032	1,290
Female	10,023	808	1,603	2,139	1,766	2,005	1,703
Wadena	13,801	1,333	2,058	3,032	2,373	2,938	2,067
Male	6,804	667	1,045	1,536	1,197	1,435	924
Female	6,997	666	1,013	1,496	1,175	1,503	1,143
Waseca	18,702	1,704	3,041	3,667	3,829	3,977	2,484
Male	9,233	891	1,576	1,871	1,919	1,940	1,036
Female	9,469	813	1,465	1,795	1,910	2,037	1,448

POPULATION ESTIMATES* BY REGION, COUNTY, CITIES OVER 100,000**, AGE, AND SEX
MINNESOTA, 1979

	Total	Under 5	5-14 Yrs.	15-24 Yrs.	25-44 Yrs.	45-64 Yrs.	65 & Over
Washington	119,212	8,622	21,103	27,917	35,607	19,892	6,071
Male	61,255	4,607	11,477	14,174	18,504	9,924	2,568
Female	57,957	4,015	9,625	13,743	17,104	9,968	3,503
Watonwan	12,301	978	1,759	2,418	2,268	2,757	2,121
Male	6,081	522	868	1,233	1,143	1,368	946
Female	6,220	455	891	1,186	1,124	1,390	1,175
Wilkin	8,601	647	1,323	1,872	1,540	1,855	1,363
Male	4,265	348	670	956	796	913	583
Female	4,336	299	654	917	745	943	780
Winona	45,705	3,129	6,370	8,853	13,254	7,882	6,217
Male	21,963	1,631	3,155	4,784	6,034	3,847	2,512
Female	23,742	1,498	3,215	4,069	7,219	4,035	3,705
Wright	54,405	5,069	10,233	11,899	11,992	9,638	5,574
Male	27,613	2,618	5,437	5,998	6,213	4,861	2,486
Female	26,792	2,451	4,796	5,901	5,779	4,777	3,088
Yellow Medicine	13,601	1,035	1,917	2,829	2,306	3,037	2,477
Male	6,759	544	988	1,348	1,220	1,533	1,125
Female	6,842	492	928	1,481	1,086	1,504	1,352
Minneapolis	369,090	27,422	46,875	52,025	137,340	64,459	40,969
Male	167,880	13,468	21,936	28,999	58,361	30,203	14,912
Female	201,210	13,955	24,939	23,025	78,979	34,256	26,057
St. Paul	268,710	20,089	39,362	46,308	80,478	51,303	31,169
Male	126,778	10,193	19,189	25,029	36,784	24,237	11,346
Female	141,932	9,896	20,173	21,279	43,694	27,066	19,823
Duluth	95,493	7,728	13,408	17,368	24,655	19,633	12,701
Male	45,567	3,824	6,643	9,194	11,302	9,384	5,220
Female	49,926	3,904	6,764	8,174	13,353	10,249	7,481

* Row and column totals do not add due to rounding.

** As of 1970 Census

DEFINITIONS

Residence: This is the geographic area of the usual place of abode of the deceased at the time of death or of the mother in the case of live births or fetal deaths. This means, in general, the place where one lives and sleeps most of the time. However, when usual residence is in a nursing home or other institution, where the patient resided for the purpose of receiving care, residence is coded to the place where the patient lived prior to admission to the institution.

Region: Region refers to the eight Minnesota Department of Health Districts. Region names and counties within regions follow:

Northwestern:	Beltrami, Clearwater, Hubbard, Kittson, Lake of the Woods, Mahnomen, Marshall, Norman, Pennington, Polk, Red Lake, and Roseau
Northeastern:	Aitkin, Carlton, Cook, Itasca, Koochiching, Lake, and St. Louis
West Central:	Becker, Clay, Douglas, Grant, Otter Tail, Pope, Stevens, Traverse, and Wilkin
Central:	Benton, Cass, Chisago, Crow Wing, Isanti, Kanabec, Mille Lacs, Morrison, Pine, Sherburne, Stearns, Todd, Wadena, and Wright
Southwestern:	Big Stone, Chippewa, Cottonwood, Jackson, Kandiyohi, Lac Qui Parle, Lincoln, Lyon, McLeod, Meeker, Murray, Nobles, Pipestone, Redwood, Renville, Rock, Swift, and Yellow Medicine
South Central:	Blue Earth, Brown, Faribault, Le Sueur, Martin, Nicollet, Sibley, Waseca, and Watonwan
Southeastern:	Dodge, Fillmore, Freeborn, Goodhue, Houston, Mower, Olmsted, Rice, Steele, Wabasha, and Winona
Metropolitan:	Anoka, Carver, Dakota, Hennepin, Ramsey, Scott, and Washington.

Rate: Rates are given per 1,000 except for certain causes of death when they are stated as per 100,000.

Live Birth: Live birth means the complete expulsion or extraction from its mother of a product of conception, irrespective of the duration of pregnancy, which after such separation breathes or shows any other evidence of life such as beating of the heart, pulsation of the umbilical cord, or definite movement of voluntary muscles, whether or not the umbilical cord has been cut or the placenta is attached; each product of such a birth is considered a live born.

Birth Rate: The number of live births per 1,000 population.

Fertility Rate: The number of live births per 1,000 women in the population of age 15 through 44 years.

High Risk Birth: A birth is classified as high risk if any of the following conditions exist:

Mother's age: Less than 17 years or over 39 years.
Prenatal care: Less than 3 visits.
Condition not related to pregnancy: Tuberculosis, rubella, diabetes, or cardiac condition.
Condition related to pregnancy: Hydramnios, urinary tract infection, or toxemia.
Condition of labor: Prolonged labor.
Birth weight: 2,500 grams or less, (5 lb. 8 oz.)
Birth injury: To brain, spinal cord, fractures, other bone injury, paralysis, or nerve injuries.
Birth condition: Hemolytic diseases of newborn, hyaline membrane D, respiratory distress syndrome, or atelectasis.
Congenital anomaly.

Live Birth Order: The number of live births including the current birth.

Fetal Death: Fetal death is death prior to the complete expulsion or extraction of a product of conception from its mother, irrespective of the duration of pregnancy. In this summary only the fetal deaths of 20 weeks or more are reported.

Fetal Death Order: The number of fetal deaths including the current fetal death.

Maternal Death: Maternal death is a death attributable to delivery or a complication of pregnancy, childbirth, or the puerperium, as defined by the International Classification of Diseases.

Infant Death: A death under one year of age.

Neonatal Death: A death during the first 4 weeks of life.

Perinatal Mortality Rate: The number of fetal deaths of 20 weeks or more plus the number of neonatal deaths per 1,000 live births.

Cause of Death: The Ninth Revision of the International Classification of Diseases (ICD) was used.

Adjusted Death Rates: Total rates for counties and cities are adjusted for sex and age on the basis of the state population.

Specific age group rates for counties and cities have been adjusted for sex on the basis of the state population for the specific age group.

OTHER RELATED PUBLICATIONS AVAILABLE

REPORTED INDUCED ABORTIONS, MINNESOTA

1977, Published July, 1978.
1978, Published August, 1979.
1979, Published August, 1980.
1980, Published September, 1981.

TEENAGE PREGNANCY IN MINNESOTA

Published May, 1981.

Additional related publications are out of print. Xerox copies of specific data, as well as other birth, fetal death, death, abortion, marriage, or divorce information, may be obtained on request by contacting:

Center for Health Statistics
Minnesota Department of Health
717 Delaware Street S.E.
Minneapolis, Minnesota 55440

Telephone Number: (612) 296-5353

MINNESOTA DEPARTMENT OF HEALTH
Section of Vital Statistics
CERTIFICATE OF DEATH

LOCAL FILE NUMBER _____ STATE FILE NUMBER _____

1. DECEASED – NAME (FIRST, MIDDLE, LAST) | 2. SEX | 3. DATE OF DEATH (MONTH DAY YEAR)

4a. AGE (IN YEARS LAST BIRTHDAY) | 4b. UNDER ONE YEAR (MONTHS, DAYS) | 4c. UNDER ONE DAY (HOURS, MINUTES) | 5. DATE OF BIRTH (MONTH DAY YEAR) | 6. RACE (SPECIFY) | 7a. COUNTY OF DEATH

7b. LOCATION OF DEATH (CITY, VILLAGE OR TOWNSHIP) | 7c. INSIDE CORPORATE LIMITS (SPECIFY YES OR NO) | 7d. HOSPITAL OR OTHER INSTITUTION – NAME (IF NOT IN EITHER, GIVE STREET AND NUMBER)

8. BIRTHPLACE (STATE OR FOREIGN COUNTRY) | 9. CITIZEN OF WHAT COUNTRY | 10. MARRIED, NEVER MARRIED, WIDOWED, DIVORCED (SPECIFY) | 11. SPOUSE – NAME

12. WAS DECEASED EVER IN U.S. ARMED FORCES (SPECIFY YES OR NO) | 13. SOCIAL SECURITY NUMBER | 14a. USUAL OCCUPATION (GIVE KIND OF WORK DURING MOST OF WORKING LIFE, EVEN IF RETIRED) | 14b. KIND OF BUSINESS OR INDUSTRY

15a. RESIDENCE – STATE | 15b. COUNTY | 15c. CITY, VILLAGE OR TOWNSHIP | 15d. INSIDE CORPORATE LIMITS (SPECIFY YES OR NO)

16a. FATHER – NAME | 16b. BIRTHPLACE (STATE OR FOREIGN COUNTRY) | 17. ADDRESS OF DECEDENT (STREET AND NUMBER, POST OFFICE)

18a. MOTHER – MAIDEN NAME | 18b. BIRTHPLACE (STATE OR FOREIGN COUNTRY) | 19. INFORMANT – NAME, ADDRESS

MEDICAL CERTIFICATION

20. PART I – DEATH WAS CAUSED BY (ENTER ONLY ONE CAUSE PER LINE (A), (B) AND (C)) — IF DIAGNOSIS DEFERRED CHECK BOX ☐ — APPROXIMATE INTERVAL BETWEEN ONSET AND DEATH

A. IMMEDIATE CAUSE

B. DUE TO, OR AS A CONSEQUENCE OF

C. DUE TO, OR AS A CONSEQUENCE OF

SAMPLE

PART II OTHER SIGNIFICANT CONDITIONS | 21a. AUTOPSY (SPECIFY YES OR NO) | 21b. IF YES, WERE FINDINGS CONSIDERED IN DETERMINING CAUSE OF DEATH

22a. ACCIDENT, SUICIDE, HOMICIDE OR UNDETERMINED (SPECIFY) — IF DEFERRED CHECK BOX ☐ | 22b. DATE OF INJURY (MONTH DAY YEAR HOUR) | 22c. INJURY AT WORK (SPECIFY YES OR NO)

22d. PLACE OF INJURY (AT HOME, FARM, STREET, FACTORY, OFFICE BUILDING ETC.) | 22e. LOCATION (STREET OR RFD NUMBER, CITY, VILLAGE OR TOWNSHIP, COUNTY, STATE)

22f. HOW INJURY OCCURRED (ENTER NATURE OF INJURY IN PART I OR PART II, ITEM 20)

23a. CERTIFICATION – PHYSICIAN

I attended the deceased from (MONTH DAY YEAR) _____ to (MONTH DAY YEAR) _____ and last saw him/her alive on (MONTH DAY YEAR) _____. I did, did not view the body after death.

Death occurred at _____ M. at the place and time and on the date stated above and to the best of my knowledge due to the causes stated.

23b. CERTIFICATION – MEDICAL EXAMINER OR CORONER

On the basis of the examination of the body and/or the investigation, in my opinion death occurred at _____ M., on the date and due to the causes stated above. The decedent was pronounced dead on (MONTH DAY YEAR) _____ at _____ M.

23c. PHYSICIAN – SIGNATURE | 23d. MEDICAL EXAMINER OR CORONER – SIGNATURE

23e. PHYSICIAN – NAME (TYPE OR PRINT) | 23f. MEDICAL EXAMINER OR CORONER – NAME (TYPE OR PRINT)

23g. MAILING ADDRESS (PHYSICIAN, MEDICAL EXAMINER OR CORONER) | 23h. DATE SIGNED (MONTH DAY YEAR)

24a. BURIAL, CREMATION, REMOVAL (SPECIFY) | 24b. CEMETERY OR CREMATORY – NAME | 24c. LOCATION (CITY, VILLAGE OR COUNTY) (STATE)

24d. DATE OF BURIAL, CREMATION OR REMOVAL (MONTH DAY YEAR) | 25a. FUNERAL HOME – NAME | 25b. FUNERAL HOME – ADDRESS

26a. DATE FILED BY LOCAL REGISTRAR (MONTH DAY YEAR) | 26b. LOCAL REGISTRAR – SIGNATURE | 27. MORTICIAN OR FUNERAL DIRECTOR – SIGNATURE

BURIAL OR REMOVAL PERMIT ISSUED _____ 19____ SIGNATURE OF SUB REGISTRAR _____

Margin Reserved for Coding

Mail Directly to:
Section of Vital Statistics
Minnesota Dept. of Health
717 Delaware St. S.E.
Minneapolis, Minn. 55440

MINNESOTA DEPARTMENT OF HEALTH
Section of Vital Statistics
CERTIFICATE OF LIVE BIRTH

LOCAL FILE NUMBER — STATE FILE NUMBER

1. CHILD – NAME (FIRST, MIDDLE, LAST)		2a. DATE OF BIRTH (MONTH, DAY, YEAR)	2b. HOUR
3. SEX	4a. THIS BIRTH (SINGLE, TWIN, TRIPLET ETC.) (SPECIFY)	4b. IF NOT SINGLE BIRTH, BORN FIRST, SECOND, ETC. (SPECIFY)	5a. COUNTY OF BIRTH
5b. LOCATION OF BIRTH (CITY, VILLAGE OR TOWNSHIP)	5c. INSIDE CORPORATE LIMITS (SPECIFY YES OR NO)	5d. HOSPITAL – NAME (IF NOT IN HOSPITAL, GIVE STREET AND NUMBER)	
6a. FATHER – NAME (FIRST, MIDDLE, LAST)		6b. AGE (AT TIME OF THIS BIRTH)	6c. BIRTHPLACE (STATE OR FOREIGN COUNTRY)
7a. MOTHER – MAIDEN NAME (FIRST, MIDDLE, LAST)		7b. AGE (AT TIME OF THIS BIRTH)	7c. BIRTHPLACE (STATE OR FOREIGN COUNTRY)
8a. RESIDENCE OF MOTHER – STATE	8b. COUNTY	8c. CITY, VILLAGE OR TOWNSHIP	8d. INSIDE CORPORATE LIMITS (SPECIFY YES OR NO)
9. ADDRESS OF MOTHER (STREET AND NUMBER, POST OFFICE)		10. I CERTIFY THAT THIS CERTIFICATE IS CORRECT (SIGNATURE OF PARENT)	
11a. CERTIFICATION I CERTIFY THAT I ATTENDED THE BIRTH OF THIS CHILD WHO WAS BORN ALIVE AT THE PLACE AND ON THE DATE STATED ABOVE. SIGNATURE	11b. DATE SIGNED	11c. ATTENDANT (M.D., D.O., MIDWIFE, OTHER) SPECIFY	
11d. CERTIFIER – NAME (TYPE OR PRINT)		11e. MAILING ADDRESS (STREET AND NUMBER, POST OFFICE)	
12a. REGISTRAR – SIGNATURE		12b. DATE FILED	

SAMPLE

TO THE PHYSICIAN:

The medical supplement to the certificate of live birth must be filed with the Minnesota Department of Health within five days following birth.

This information is vital for an understanding of current maternal and child health problems and the reduction of perinatal morbidity and mortality. The information is of direct use in the administration of public health programs, such as the surveillance of congenital malformations, follow-up of handicapped children and perinatal studies. The demographic information on fertility and population growth is essential for planning for future needs for community hospital and medical services.

The usefulness of this information is dependent upon the accuracy and completeness of the information provided by the physician. Your cooperation is urgently needed in the interest of making further improvement in maternal and child health in Minnesota.

SUPPLEMENTARY INFORMATION

(This section not to be reproduced on certified copies unless specifically requested.)

13a. RACE OF FATHER (SPECIFY)	13b. RACE OF MOTHER (SPECIFY)	14. LEGITIMATE (SPECIFY YES OR NO)	15. BIRTH WEIGHT

16a. EDUCATION OF FATHER (SPECIFY HIGHEST GRADE COMPLETED)			16b. EDUCATION OF MOTHER (SPECIFY HIGHEST GRADE COMPLETED)			19a. PREVIOUS LIVE BIRTHS – HOW MANY OTHER CHILDREN		
ELEMENTARY (0,1,2,3,... or 8)	HIGH SCHOOL (1,2,3, or 4)	COLLEGE (1,2,3,4,5 +)	ELEMENTARY (0,1,2,3, ... or 8)	HIGH SCHOOL (1,2,3, or 4)	COLLEGE (1,2,3,4,5 +)	ARE NOW LIVING	WERE BORN ALIVE NOW DEAD	DATE OF LAST LIVE BIRTH (MONTH, DAY, YEAR)

17. DATE LAST NORMAL MENSES BEGAN (MONTH, DAY, YEAR)	18a. MONTH OF PREGNANCY PRENATAL CARE BEGAN (1ST, 2ND, ETC.) IF NONE SO STATE	18b. NUMBER OF PRENATAL VISITS (0, 1, 2, ETC.)	19b FETAL DEATHS: HOW MANY FETAL DEATHS (FETAL DEATH AT ANY TIME AFTER CONCEPTION)	DATE OF LAST FETAL DEATH (MONTH, DAY, YEAR)

SUPPLEMENTARY INFORMATION FOR MEDICAL AND HEALTH USE ONLY

20. COMPLICATIONS RELATED TO PREGNANCY (DESCRIBE OR WRITE "NONE")		21. COMPLICATIONS NOT RELATED TO PREGNANCY (DESCRIBE OR WRITE "NONE")	
22a. COMPLICATIONS OF LABOR (DESCRIBE OR WRITE "NONE")		22b. WAS LABOR INDUCED (IF YES, METHOD)	
22c. OPERATIVE PROCEDURES (DESCRIBE OR WRITE "NONE")		23. SEROLOGIC TEST FOR SYPHILIS (SPECIFY YES OR NO)	24. WAS MOTHER'S BLOOD TESTED FOR RH FACTOR (SPECIFY YES OR NO)
25. BIRTH INJURIES TO CHILD (DESCRIBE OR WRITE "NONE")		26. CONGENITAL MALFORMATIONS OR ANOMALIES (DESCRIBE OR WRITE "NONE")	

Mail Directly to
Section of Vital Statistics
Minnesota Dept. of Health
St. Paul, Minn. 55101

MINNESOTA DEPARTMENT OF HEALTH
Section of Vital Statistics
MEDICAL SUPPLEMENT TO THE
CERTIFICATE OF FETAL DEATH

This information is to be used solely for medical or scientific purposes. Confidentiality is provided under M.S. 144.053.

1. FETUS – NAME (FIRST, MIDDLE, LAST)				2a. DATE OF DELIVERY (MONTH, DAY, YEAR)	2b. HOUR
3. SEX	4a. THIS DELIVERY SINGLE, TWIN, TRIPLET, ETC. (SPECIFY)		4b. IF NOT SINGLE DELIVERY BORN FIRST, SECOND, ETC. (SPECIFY)	5a. COUNTY OF DELIVERY	
5b. LOCATION OF DELIVERY CITY, VILLAGE OR TOWNSHIP	5c. INSIDE CORPORATE LIMITS (SPECIFY YES OR NO)	5d. HOSPITAL – NAME (IF NOT IN HOSPITAL, GIVE STREET AND NUMBER)			
6a. FATHER – NAME (FIRST, MIDDLE, LAST)				6b. AGE (AT TIME OF THIS DELIVERY)	6c. BIRTHPLACE (STATE OR FOREIGN COUNTRY)
7a. MOTHER – MAIDEN NAME (FIRST, MIDDLE, LAST)				7b. AGE (AT TIME OF THIS DELIVERY)	7c. BIRTHPLACE (STATE OR FOREIGN COUNTRY)
8a. RESIDENCE OF MOTHER – STATE	8b. COUNTY			8c. CITY, VILLAGE OR TOWNSHIP	8d. INSIDE CORPORATE LIMITS (SPECIFY YES OR NO)
9. ADDRESS OF MOTHER (STREET AND NUMBER, POST OFFICE)			10. I CERTIFY THAT THIS CERTIFICATE IS CORRECT (SIGNATURE OF PARENT)		

11. PART I. FETAL DEATH WAS CAUSED BY (ENTER ONLY ONE CAUSE PER LINE FOR (A), (B) AND (C))

	IF DIAGNOSIS DEFERRED CHECK BOX	FETAL OR MATERNAL CAUSE SPECIFY
A. IMMEDIATE CAUSE		
B. DUE TO, OR AS A CONSEQUENCE OF		
C. DUE TO, OR AS A CONSEQUENCE OF		

PART II. OTHER SIGNIFICANT CONDITIONS OF FETUS OR MOTHER

12. FETUS DIED (BEFORE LABOR, DURING LABOR OR DELIVERY, UNKNOWN) SPECIFY	13a. AUTOPSY SPECIFY YES OR NO	13b. IF YES, WERE FINDINGS CONSIDERED IN DETERMINING CAUSE OF DEATH	
14a. I CERTIFY THAT THIS DELIVERY OCCURRED ON THE DATE STATED ABOVE AND THE FETUS WAS BORN DEAD SIGNATURE	14b. DATE SIGNED	14c. ATTENDANT (M.D., D.O., MIDWIFE, OTHER) SPECIFY	
14d. CERTIFIER – NAME (TYPE OR PRINT)	14e. MAILING ADDRESS STREET OR R.F.D. NO.	POST OFFICE	STATE

15a. BURIAL, CREMATION, REMOVAL SPECIFY	15b. CEMETERY OR CREMATORY – NAME	15c. LOCATION (CITY, VILLAGE OR COUNTY)	(STATE)
15d. DATE OF BURIAL, CREMATION OR REMOVAL (MONTH, DAY, YEAR)	16a. FUNERAL HOME – NAME	16b. FUNERAL HOME – ADDRESS	
17a. DATE FILED BY LOCAL REGISTRAR (MONTH, DAY, YEAR)	17b. LOCAL REGISTRAR – SIGNATURE	18. MORTICIAN OR FUNERAL DIRECTOR – SIGNATURE	

SUPPLEMENTARY INFORMATION

(This section not to be reproduced on certified copies unless specifically requested.)

19a. RACE OF FATHER (SPECIFY)	19b. RACE OF MOTHER (SPECIFY)	20. LEGITIMATE (SPECIFY YES OR NO)	21. BIRTH WEIGHT		
22a. EDUCATION OF FATHER (SPECIFY HIGHEST GRADE COMPLETED)		22b. EDUCATION OF MOTHER (SPECIFY HIGHEST GRADE COMPLETED)		23. PREVIOUS DELIVERIES – HOW MANY OTHER CHILDREN	
ELEMENTARY (0,1,2, . . . , OR 8)	HIGH SCHOOL (1,2,3 OR 4)	COLLEGE (1,2,3,4, 5+)	ELEMENTARY (0,1,2, . . . ,OR 8)	HIGH SCHOOL (1,2,3 OR 4)	COLLEGE (1,2,3,4,5+)	ARE NOW LIVING	WERE BORN ALIVE NOW DEAD	WERE BORN DEAD (FETAL DEATH AT ANY TIME AFTER CONCEPTION)

SUPPLEMENTAL INFORMATION FOR MEDICAL AND HEALTH USE ONLY

24. DATE LAST NORMAL MENSES BEGAN (MONTH, DAY, YEAR)	25a. MONTH OF PREGNANCY PRENATAL CARE BEGAN (1ST, 2ND, ETC.) IF NONE SO STATE	25b. NUMBER OF PRENATAL VISITS (0, 1, 2, ETC.)	26a. DATE OF LAST LIVE BIRTH (MONTH, DAY, YEAR)	26b. DATE OF LAST FETAL DEATH (MONTH, DAY, YEAR)
27. COMPLICATIONS RELATED TO PREGNANCY (DESCRIBE OR WRITE "NONE")			28. COMPLICATIONS NOT RELATED TO PREGNANCY (DESCRIBE OR WRITE "NONE")	
29a. COMPLICATIONS OF LABOR (DESCRIBE OR WRITE "NONE")			29b. WAS LABOR INDUCED (IF YES, METHOD)	
29c. OPERATIVE PROCEDURES (DESCRIBE OR WRITE "NONE")			30. SEROLOGIC TEST FOR SYPHILIS SPECIFY YES OR NO	31. WAS MOTHER'S BLOOD TESTED FOR RH FACTOR SPECIFY YES OR NO
32. BIRTH INJURIES TO FETUS (DESCRIBE OR WRITE "NONE")			33. CONGENITAL MALFORMATIONS OR ANOMALIES (DESCRIBE OR WRITE "NONE")	

BURIAL OR REMOVAL PERMIT ISSUED _____ 19 _____ SIGNATURE OF SUB REGISTRAR

SAMPLE